



South Coast Air Quality Management District

**Facility Prioritization Procedures
For
AB 2588 Program**

November 2016

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I. INTRODUCTION

The Air Toxics "Hot Spots" Information and Assessment Act of 1987 (commonly known as AB 2588) established a statewide program for the inventory of air toxics emissions from individual facilities as well as requirements for risk assessment and public notification of potential health risks. AB 2588 requires the South Coast Air Quality Management District (SCAQMD) to designate high, intermediate, and low priority categories and include each facility within the appropriate category based on its individual priority. In establishing priorities, the SCAQMD is to consider the potency, toxicity, quantity and volume of hazardous materials released from the facility; the proximity of the facility to potential receptors, including, but not limited to, hospitals, schools, daycare centers, worksites and residences; and any other factors that the SCAQMD finds and determines may indicate that the facility may pose a significant risk to receptors.

II. FACILITY PRIORITIZATION PROCEDURE

This document describes the facility prioritization procedure utilized by the SCAQMD (SCAQMD Procedures). The procedure is consistent with the August 2016 Facility Prioritization Guidelines developed by the Toxics and Risk Managers Committee (TARMAC) of the California Air Pollution Control Officers Association (CAPCOA Procedures).¹

The CAPCOA Procedures primarily rely on four parameters to prioritize facilities: emissions, toxicity, the proximity to potential receptors, and stack height. While the Prioritization Procedures that SCAQMD use are consistent with the CAPCOA Procedures, several refinements have been made over the history of the AB 2588 program. In September 1990, the SCAQMD refined the original CAPCOA Procedures to include adjustment factors for receptor proximity, exposure period, and averaging times in addition to the treatment of multi-pathway pollutants. In August 2004, SCAQMD revised its Procedures to accommodate the use of cancer potency factors (instead of unit risk factors) to allow for daily breathing rate and body weight variations as well as revised multi-pathway factors for resident and workers. In March 2011, the SCAQMD Procedures were revised to include updated toxicity criteria. In June 2015, the SCAQMD Procedures were updated to incorporate the new risk calculation methodologies laid out in the 2015 Office of Environmental Health Hazard Assessment (OEHHA) Guidance Manual.

Since the adoption of the revised Facility Prioritization Procedure in June 2015, additional efforts have been made by SCAQMD staff to further streamline and refine the prioritization methodology for better characterization of priority score for each facility before an Air Toxics Inventory Report (ATIR) and/or a Health Risk Assessment (HRA) is requested. The June 2015 SCAQMD Procedures use a similar screening analysis to Tier 1 risk assessments conducted under Rule 1401 for New Source Review. The approach described in this document is more similar to the more refined Rule 1401 Tier 3 risk assessment methodology.² More specifically, the 2015 SCAQMD Procedures use the worst case meteorology from the entire District for every facility and it assumed that the closest receptors were always located in the worst case wind direction (e.g., downwind). The updated methodology in this document applies local meteorological conditions for every

¹ <http://www.capcoa.org/wp-content/uploads/2016/08/CAPCOA%20Prioritization%20Guidelines%20-%20August%202016%20FINAL.pdf>

² <http://www.aqmd.gov/home/permits/risk-assessment>

facility, and uses actual receptor locations regardless of wind direction. This more refined approach evaluates the priority score for the closest receptors, regardless of direction, as well as the closest receptors in the downwind direction.

A facility receives scores for four health endpoints: cancer, non-cancer chronic, non-cancer chronic 8-hr, and non-cancer acute. These health endpoints are evaluated for four receptors for each facility: the absolute closest sensitive receptor and worker receptor, and the closest sensitive receptor and worker receptor in the worst case wind direction. Every facility therefore receives 16 different scores (four health endpoints at four receptors), and the highest score is used to determine a Total Facility Score (TS).

Three categories are used in the ranking: high priority (Category A), intermediate priority (Category B) and low priority (Category C). Based on the TS, facilities designated as high priority are required to submit either an ATIR or HRA under Rule 1402 and/or AB 2588. Facilities ranked with intermediate priority are considered to be District tracking facilities, which are then required to submit complete toxics inventory once every four years. Facilities ranked with low priority are exempt from reporting. Due to the very conservative nature of the screening risk assessment used for prioritization, and consistent with CAPCOA's Procedures, a priority score of 10 may be considered similar to a calculated cancer risk of 100 per million or a HI of 10, using the prioritization procedure methodology. The same emissions profile evaluated in a more detailed HRA (e.g., using actual stack parameters and more detailed dispersion modeling) will result in much lower calculated risks. The following table summarizes thresholds used to prioritize facilities:

Table 1 – Prioritization Categories

Total Facility Score (TS)	Category
TS > 10	High Priority
1 < TS ≤ 10	Intermediate Priority
TS ≤ 1	Low Priority

Facilities subject to AB 2588 are required to submit a detailed list of their toxic emissions every four years (referred to as a quadrennial update). Based on their level of toxic and criteria pollutant emissions, each year a different group of facilities will report a detailed list of its toxic emissions. Upon initial prioritization of facilities, the SCAQMD staff conducts auditing to confirm the distances reported to sensitive receptors and workers, and that the reported emissions are consistent with expected levels considering trends and facility changes such as new or modified permitted equipment or pollution controls, and comparing the Priority Score results with the last Health Risk Assessment submittal or Risk Reduction Plan (Voluntary or Traditional), if applicable. This additional information obtained through Priority Score auditing will often negate the need to ask for additional reports such as an ATIR or HRA. If, however, the Prioritization Score remains high, the facility is asked to prepare an ATIR or HRA under Rule 1402 and/or AB 2588.

A. Calculation of Cancer Score

The facility scores for residential and worker cancer effects are calculated as follows:

$$TSr = \sum\{(Ec)(CPc)(MPc,r)\}(RP) (676.63 \times 10^{-1}), \text{ or}$$

$$TSw = \sum\{(Ec)(CPc)(MPc,w)\}(RP) (WAF) (56.26 \times 10^{-1})$$

Where:

- TS = Total facility score, the sum of scores for all carcinogens
c = Specific carcinogen
r = Residential Receptor
w = Worker Receptor
Ec = Annual emissions of carcinogen, c (tons/year)
CPc = Cancer potency of carcinogen substance, c (mg/kg-day) $^{-1}$
MPc = Multi-pathway adjustment factor of carcinogen, c; there are separate multi-pathway factors for residence and worker; see Table 3
RP = Receptor proximity adjustment factor, γ/Q ($(\mu\text{g}/\text{m}^3)$ / (tons/year))
WAF = Worker Adjustment Factor (dimensionless)
676.63 = Residential Combined Exposure Factor that accounts for age-specific breathing rate, age specific factor, exposure duration, exposure frequency, and averaging time from 2015 OEHHA Guidance Manual
56.26 = Worker Combined Exposure Factor that accounts for age-specific breathing rate, age specific factor, exposure duration, exposure frequency, and averaging time from 2015 OEHHA Guidance Manual
 10^{-1} = Scalar to adjust priority score to 1-10 scale

Annual Emissions:

Annual emissions of carcinogens are taken from the TACS and TACS-O Facility Summary Forms of the Annual Emission Reporting (AER) Program. Each toxic substance has a degree of accuracy associated with them that is a de-minimis emission level for reporting. As a result, facility-wide toxic emissions greater than one-half of their corresponding degree of accuracy are inventoried and reported. Conversely, total facility toxic emissions less than one-half of their corresponding degree of accuracy levels are not considered in the prioritization. The substances and associated degree of accuracy levels are listed in Table 2.

Cancer Potency:

The Cancer Potency factor (CP) is a measure of the cancer potency of a carcinogen. The cancer potency factor is the estimated probability that a person will contract cancer as a result of a daily inhalation of 1 milligram of the carcinogen per kilogram of body weight continuously over a period of 70 years. The cancer potency factors used in these procedures are published by the Office of Environmental Health Hazard Assessment (OEHHA). The latest CP values can be obtained from the following website: <http://www.arb.ca.gov/toxics/healthval/healthval.htm>

Multi-pathway Adjustment Factor:

The multi-pathway (MP_c) adjustment factor is used for carcinogens that may contribute to risk from exposure pathways other than inhalation. These substances deposit on the ground in

particulate form and contribute to risk through ingestion of soil or backyard garden vegetables or through other routes. This factor is used to account for additional risks from exposure through non-inhalation pathways. The MP_c adjustment factors for specific carcinogens have been developed by SCAQMD staff by using the Health Risk Assessment Standalone Tool (RAST) developed by California Air Resources Board (CARB).³ The MP_c factors also satisfy the requirements of the SCAQMD Risk Assessment Procedures for Rules 1401 and 212. The substances and associated MP_c adjustment factors for worker and residents are listed in Table 3. For cancer causing compounds that only affect the inhalation pathway, the MP_c adjustment factor is set to one. The SCAQMD Risk Assessment Procedures for Rules 1401 and 212 (SCAQMD Rule 1401 HRA Procedures) can be obtained from the following web site:

<http://www.aqmd.gov/home/permits/risk-assessment>

Receptor Proximity Adjustment Factor:

There are four Receptor Proximity adjustment factors calculated for each facility. The Receptor Proximity adjustment factors are calculated based on the distances from the facility to the nearest sensitive (e.g., residential) and worker receptors regardless of wind direction, and the nearest sensitive and worker receptors in the worst case wind direction. The receptors in the worst case wind direction are also evaluated in case the nearest receptors do not experience the highest risk. Receptor locations are off-site, where persons may be exposed to toxic emissions from the facility. The receptor distance is defined as the closest distance between any major source of air toxic emissions at the facility (or the center of the facility if this is not known) and the property boundary of any one of the receptor locations. Consistent with the CAPCOA Procedures, the minimum distance evaluated is 50 meters. The Receptor Proximity adjustment factors for every meteorological station⁴ in the District at receptor locations of 50, 75, 100, 200, 300, 500, and 1000 meters are included in Tables 4 and 5 at the end of this guidance. These Receptor Proximity adjustment factors are (χ/Q) values derived from dispersion modeling (AERMOD) utilizing a unitary emission rate of one ton per year exiting out of a 0.1 meter diameter stack that is 0.27 meters above a 4.0 meter tall building, with a velocity of 5 meters/second. Linear interpolation is used to determine the appropriate (χ/Q) for receptor locations located between the distances specified in Tables 4 and 5.

Worker Adjustment Factor:

The modeled annual average air concentration should be adjusted to the air concentration that the worker is actually exposed to if the source does not operate continuously. The Worker Adjustment Factor (WAF) is calculated with the following equation:

$$\text{WAF} = ([H_{\text{res}}]/[H_{\text{source}}]) \times ([D_{\text{res}}]/[D_{\text{source}}])$$

Where,

[H_{res}] = Number of hours per day the annual average residential air concentration is based on (always 24 hours)

³ <http://www.arb.ca.gov/toxics/harp/harp.htm>

⁴ Meteorological station information is available here:
www.aqmd.gov/home/library/air-quality-data-studies/meteorological-data/data-for-aermod

- [H_{source}] = Number of hours the source operates per day
- [D_{res}] = Number of days per week the annual average residential air concentration is based on (always 7 days)
- [D_{source}] = Number of days the source operates per week

B. Calculation of Non-Cancer Score

For a toxic substance, non-cancer health effects can occur via acute, 8-hour chronic, and/or annual chronic exposure. All of these non-cancer effects are used in the facility prioritization. For each substance associated with acute, 8-hour and chronic toxicity, the SCAQMD calculates separate scores using the formulas shown below.

Non-Cancer Chronic Score:

For a facility which emits pollutants with known non-cancer chronic health effects, its scores for non-cancer chronic effects are calculated as follows:

$$\begin{aligned} TS_r^* &= \sum\{(E_t)(MP_{t,r})/(REL_t)\}(RP_r), \text{ or} \\ TS_w^* &= \sum\{(E_t)(MP_{t,w})/(REL_t)\}(WAF)(RP_w) \end{aligned}$$

Where;

- TS* = Total facility score, the sum of score for all substances with non-cancer effects
- t = Toxic substance
- r = Residential Receptor
- w = Worker Receptor
- E_t = Annual emissions of substance, t (tons/year)
- REL_t = Reference exposure level of toxic substance, t ($\mu\text{g}/\text{m}^3$)
- MP_t = Multi-pathway adjustment factor of non-cancer chronic toxic substance, t; there are separate multi-pathway factors for residence and worker; see Table 3
- RP = Receptor proximity adjustment factor, χ/Q ($(\mu\text{g}/\text{m}^3)/(\text{tons/year})$)
- WAF = Worker Adjustment Factor (dimensionless)

Non-Cancer 8-Hour Score:

For a facility which emits pollutants with known non-cancer 8-hour health effects, its scores for non-cancer 8-hour effects are calculated as follows:

$$\begin{aligned} TS_r^* &= \sum\{(E_t)/(REL_t)\}(WAF)(RP_r), \text{ or} \\ TS_w^* &= \sum\{(E_t)/(REL_t)\}(WAF)(RP_w) \end{aligned}$$

Where;

- TS* = Total facility score, the sum of score for all substances with non-cancer effects
- t = Toxic substance
- r = Residential Receptor
- w = Worker Receptor
- E_t = Annual emissions of toxic substance, t (tons/year)
- REL_t = Reference exposure level of toxic substance, t ($\mu\text{g}/\text{m}^3$)

RP = Receptor proximity adjustment factor, χ/Q (($\mu\text{g}/\text{m}^3$)/(tons/year))
WAF = Worker Adjustment Factor (dimensionless)

Non-Cancer Acute Score:

For a facility which emits pollutants with known non-cancer acute health effects, its score for non-cancer acute effects is calculated as follows:

$$TS^* = \sum\{(E_t)/(REL_t)\}(RP)$$

Where:

TS* = Total facility score, the sum of score for all substances with non-cancer effects
t = Toxic substance
 E_t = Maximum hourly emissions of toxic substance, t (lbs/hour)
 REL_t = Reference exposure level of toxic substance, t ($\mu\text{g}/\text{m}^3$)
RP = Receptor proximity adjustment factor for hourly concentration, χ/Q
(($\mu\text{g}/\text{m}^3$)/(lbs/hour))

Annual and Maximum Hourly Emissions:

Two different emissions rates are required for calculating the facility score for non-cancer health effects. The methodology for calculating the non-cancer score for chronic exposure requires annual emissions (tons/year) for each emitted pollutant whereas calculation of the non-cancer score for acute exposure requires maximum hourly emissions (lbs/hr) for each emitted pollutant. Maximum hourly emissions are obtained by dividing the pollutant annual emissions (lbs/yr) by the facility's actual operating hours that are then multiplied by a maximum hourly emission adjustment factor of 1.25. Annual emissions are taken from the TACS and TACS-O Facility Summary Forms of the AER Program. As specified in Section II.A, emissions of specified substances, which are below one-half of their corresponding degree of accuracy levels are neglected in the computation.

Reference Exposure Levels:

Reference Exposure Level (REL) is used as an indicator of all potential adverse non-cancer health effects, and refers to a concentration level ($\mu\text{g}/\text{m}^3$) or dose (mg/kg-day) at which no adverse health effects are anticipated. The RELs used in these procedures are published by OEHHA. The latest REL values can be obtained from the following website:

<http://www.arb.ca.gov/toxics/healthval/healthval.htm>

Multi-Pathway Adjustment Factor:

The Multi-Pathway (MP_t) adjustment factor is used for chronic substances that may contribute to risk from exposure pathways other than inhalation. Similar to discussion in Section II.A, MP_t adjustment factors only exist for selected chronic pollutants which can be found in Table 3. There are separate MP factors for worker and residents. For non-cancer chronic health effects compounds that only affect the inhalation pathway, the MP_t adjustment factor is set to one (1.0).

Worker Adjustment Factor:

The modeled annual average air concentration should be adjusted to the air concentration that the worker is actually exposed to if the source does not operate continuously. This is the same adjustment factor used in the calculation of the facility cancer score discussed in Section II.A.

Receptor Proximity Adjustment Factor:

The Receptor Proximity (RP) adjustment factor is the same adjustment factor used in the calculation of the facility cancer score discussed in Section II.A.

C. Facility Ranking

From the computed scores for cancer and all non-cancer effects, the total facility score is taken as the higher of the sixteen scores, and serves as the basis for ranking a facility as follows:

- The facility is in the high category (Category A) if its highest score is greater than or equal to 10;
- The facility is in the intermediate category (Category B) if its highest score is greater than or equal to 1 but less than 10; and,
- The facility is in the low category (Category C) if its highest score is less than 1.

Table 2: De-Minimis Reporting Limits for Toxics

TAC Code	CAS	Substance	Degree of Accuracy (lbs/yr)
29	75070	Acetaldehyde	17
30	107028	Acrolein	0.05
31	107131	Acrylonitrile	0.1
32	7664417	Ammonia	200
14	7440382	Arsenic and Compounds (inorganic)	0.0015
1	1332214	Asbestos	2.3E-6
2	71432	Benzene	1.7
3	7440417	Beryllium	0.001
4	106990	Butadiene [1,3]	0.1
5	7440439	Cadmium	0.01
6	56235	Carbon tetrachloride	1
33	463581	Carbonyl sulfide	100
34	7782505	Chlorine	0.5
35	67663	Chloroform	10
13	18540299	Chromium, hexavalent (and compounds)	1.0E-4
36	7440508	Copper	0.1
37	7631869	Crystalline silica	0.1
38	117817	Di(2-ethylhexyl) phthalate {DEHP}	3.9
7	1080	Chlorinated dioxins and dibenzofurans	7.3E-8
	67562394	1,2,3,4,6,7,8-Heptachlorodibenzofuran [POM]	1.0E-6
	55673897	1,2,3,4,7,8,9-Heptachlorodibenzofuran [POM]	1.0E-6
	35822469	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin [POM]	1.0E-6
	70648269	1,2,3,4,7,8-Hexachlorodibenzofuran [POM]	7.3E-7
	57117449	1,2,3,6,7,8-Hexachlorodibenzofuran [POM]	7.3E-7
	72918219	1,2,3,7,8,9-Hexachlorodibenzofuran [POM]	7.3E-7
	60851345	2,3,4,6,7,8-Hexachlorodibenzofuran [POM]	7.3E-7
	39227286	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin [POM]	5.1E-7
	57653857	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin [POM]	5.1E-7
	19408743	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin [POM]	5.1E-7
	39001020	1,2,3,4,5,6,7,8-Octachlorodibenzofuran [POM]	1.0E-6
	3268879	1,2,3,4,5,6,7,8-Octachlorodibenzo-p-dioxin [POM]	1.0E-6
	57117416	1,2,3,7,8-Pentachlorodibenzofuran [POM]	1.0E-6
	57117314	2,3,4,7,8-Pentachlorodibenzofuran [POM]	2.4E-7
	40321764	1,2,3,7,8-Pentachlorodibenzo-p-dioxin [POM]	5.1E-8
	51207319	2,3,7,8-Tetrachlorodibenzofuran [POM]	7.2E-8
	1746016	2,3,7,8-Tetrachlorodibenzo-p-dioxin {TCDD} [POM]	5.1E-8
27	78875	1,2-Dichloropropane {Propylene dichloride}	20
28	542756	1,3-Dichloropropene	10
72	9901	Diesel exhaust particulates	0.1
39	131113	Dimethyl phthalate	50
8	123911	1,4-Dioxane	5
40	100414	Ethyl benzene	20
9	106934	Ethylene dibromide {1,2-Dibromoethane}	0.5

Table 2: De-Minimis Reporting Limits for Toxics

TAC Code	CAS	Substance	Degree of Accuracy (lbs/yr)
10	107062	Ethylene dichloride {1,2-Dichloroethane}	2
11	75218	Ethylene oxide	0.5
22	1104	Fluorocarbons (chlorinated)	1
	76131	<i>Chlorinated fluorocarbon {CFC-113}</i>	1
	75434	<i>Dichlorofluoromethane {Freon 12}</i>	1
	75694	<i>Trichlorofluoromethane {Freon 11}</i>	1
12	50000	Formaldehyde	5
41	1115	Glycol ethers and their acetates	100
	111466	<i>Diethylene glycol</i>	100
	111966	<i>Diethylene glycol dimethyl ether</i>	100
	112345	<i>Diethylene glycol monobutyl ether</i>	100
	111900	<i>Diethylene glycol monoethyl ether</i>	100
	111773	<i>Diethylene glycol monomethyl ether</i>	100
	25265718	<i>Dipropylene glycol</i>	100
	34590948	<i>Dipropylene glycol monomethyl ether</i>	100
	629141	<i>Ethylene glycol diethyl ether</i>	100
	110714	<i>Ethylene glycol dimethyl ether</i>	100
	111762	<i>Ethylene glycol monobutyl ether</i>	200
	110805	<i>Ethylene glycol monoethyl ether</i>	50
	111159	<i>Ethylene glycol monoethyl ether acetate</i>	100
	109864	<i>Ethylene glycol monomethyl ether</i>	10
	110496	<i>Ethylene glycol monomethyl ether acetate</i>	200
	2807309	<i>Ethylene glycol monopropyl ether</i>	100
	107982	<i>Propylene glycol monomethyl ether</i>	200
	108656	<i>Propylene glycol monomethyl ether acetate</i>	100
	112492	<i>Triethylene glycol dimethyl ether</i>	100
42	118741	Hexachlorobenzene	0.096
43	608731	Hexachlorocyclohexanes	0.008
	319846	<i>alpha-Hexachlorocyclohexane</i>	0.008
	319857	<i>beta-Hexachlorocyclohexane</i>	0.008
	58899	<i>Lindane {gamma-Hexachlorocyclohexane}</i>	0.03
44	110543	Hexane	200
45	302012	Hydrazine	0.01
46	7647010	Hydrochloric acid	20
73	7664393	Hydrogen fluoride (hydrofluoric acid)	20
47	7783064	Hydrogen sulfide	5
48	1125	Isocyanates and diisocyanates	0.05
	822060	<i>Hexamethylene-1,6-diisocyanate</i>	0.05
	624839	<i>Methyl isocyanate</i>	1
	101688	<i>Methylene diphenyl diisocyanate {MDI} [POM]</i>	0.1
	1204	<i>Toluene diisocyanates</i>	0.1
	584849	<i>Toluene-2,4-diisocyanate</i>	0.1
	91087	<i>Toluene-2,6-diisocyanate</i>	0.1
15	7439921	Lead compounds (inorganic)	0.36

Table 2: De-Minimis Reporting Limits for Toxics

TAC Code	CAS	Substance	Degree of Accuracy (lbs/yr)
49	7439965	Manganese	0.1
50	7487947	Mercury and mercury compounds	
		<i>Mercuric chloride</i>	0.9
	7439976	<i>Mercury</i>	0.9
	593748	<i>Methyl mercury {Dimethylmercury}</i>	1
51	67561	Methanol	200
52	74873	Methyl chloride {Chloromethane}	20
23	71556	Methyl chloroform {1,1,1-Trichloroethane}	1
53	78933	Methyl ethyl ketone {2-Butanone}	200
54	108101	Methyl isobutyl ketone {Hexone}	20
55	1634044	Methyl tert-butyl ether	96
16	75092	Methylene chloride {Dichloromethane}	49.1
17	7440020	Nickel	0.1
57	106467	P-Dichlorobenzene {1,4-Dichlorobenzene}	4.3
19	1151	PAHs, total, w/o individ. components reported [PAH, POM]	0.2
	83329	<i>Acenaphthene [PAH, POM]</i>	1
	208968	<i>Acenaphthylene [PAH, POM]</i>	1
	120127	<i>Anthracene [PAH, POM]</i>	1
	56553	<i>Benz[a]anthracene [PAH, POM]</i>	0.02
	50328	<i>Benzo[a]pyrene [PAH, POM]</i>	0.002
	205992	<i>Benzo[b]fluoranthene [PAH, POM]</i>	0.02
	192972	<i>Benzo[e]pyrene [PAH, POM]</i>	0.5
	191242	<i>Benzo[g,h,i]perylene [PAH, POM]</i>	0.5
	205823	<i>Benzo[j]fluoranthene [PAH, POM]</i>	0.02
	207089	<i>Benzo[k]fluoranthene [PAH, POM]</i>	0.02
	218019	<i>Chrysene [PAH, POM]</i>	0.2
	53703	<i>Dibenz[a,h]anthracene [PAH, POM]</i>	0.005
	192654	<i>Dibenzo[a,e]pyrene [PAH, POM]</i>	0.0002
	189640	<i>Dibenzo[a,h]pyrene [PAH, POM]</i>	0.0002
	189559	<i>Dibenzo[a,i]pyrene [PAH, POM]</i>	0.0002
	191300	<i>Dibenzo[a,l]pyrene [PAH, POM]</i>	0.0002
	206440	<i>Fluoranthene [PAH, POM]</i>	0.5
	86737	<i>Fluorene [PAH, POM]</i>	0.5
	193395	<i>Indeno[1,2,3-cd]pyrene [PAH, POM]</i>	0.02
	91576	<i>2-Methyl naphthalene [PAH, POM]</i>	1
	91203	<i>Naphthalene [PAH, POM]</i>	0.1
	198550	<i>Perylene [PAH, POM]</i>	0.5
	85018	<i>Phenanthrene [PAH, POM]</i>	0.5
	129000	<i>Pyrene [PAH, POM]</i>	0.5
56	1336363	PCBs (Polychlorinated biphenyls) [POM]	0.0002
58	87865	Pentachlorophenol	9.6
18	127184	Perchloroethylene {Tetrachloroethene}	5
59	7723140	Phosphorus	0.1

Table 2: De-Minimis Reporting Limits for Toxics

TAC Code	CAS	Substance	Degree of Accuracy (lbs/yr)
60	7803512	Phosphorous compounds	
	7664382	<i>Phosphine</i>	0.01
	10025873	<i>Phosphoric acid</i>	50
	10026138	<i>Phosphorus oxychloride</i>	0.1
	1314563	<i>Phosphorus pentachloride</i>	0.1
	7719122	<i>Phosphorus pentoxide</i>	0.1
	126738	<i>Phosphorus trichloride</i>	0.1
	78400	<i>Tributyl phosphate</i>	100
	512561	<i>Triethyl phosphine</i>	100
	78308	<i>Trimethyl phosphate</i>	100
	115866	<i>Triorthocresyl phosphate [POM]</i>	0.5
	101020	<i>Triphenyl phosphate [POM]</i>	100
		<i>Triphenyl phosphite [POM]</i>	100
61	226368	POMS and PAH-derivatives	
	224420	<i>Dibenz[a,h]acridine [POM]</i>	0.02
	194592	<i>Dibenz[a,j]acridine [POM]</i>	0.02
	57976	<i>7H-Dibenzo[c,g]carbazole</i>	0.002
	42397648	<i>7,12-Dimethylbenz[a]anthracene [PAH-Derivative, POM]</i>	9.0E-5
	42397659	<i>1,6-Dinitropyrene [PAH-Derivative, POM]</i>	2.0E-4
	56495	<i>1,8-Dinitropyrene [PAH-Derivative, POM]</i>	0.002
	3697243	<i>3-Methylcholanthrene [PAH-Derivative, POM]</i>	9.8E-4
	101779	<i>5-Methylchrysene [PAH-Derivative, POM]</i>	0.002
	602879	<i>4,4'-Methylenedianiline (and its dichloride) [POM]</i>	0.015
	7496028	<i>5-Nitroacenaphthene [POM]</i>	0.17
	607578	<i>6-Nitrochrysene [PAH-Derivative, POM]</i>	2.0E-4
	5522430	<i>2-Nitrofluorene [PAH-Derivative, POM]</i>	0.2
	57835924	<i>1-Nitropyrene [PAH-Derivative, POM]</i>	0.02
		<i>4-Nitropyrene [POM]</i>	0.02
62	75569	Propylene oxide	10
63	91225	Quinoline	100
64	7783075	Selenium and compounds	
	7782492	<i>Hydrogen selenide</i>	0.1
	7446346	<i>Selenium</i>	0.5
		<i>Selenium sulfide</i>	0.1
65	1310732	Sodium hydroxide	2
66	100425	Styrene	100
24	79345	1,1,2,2-Tetrachloroethane	0.86
67		Sulfuric acid and oleum	
	8014957	<i>Oleum</i>	2
	7664939	<i>Sulfuric acid</i>	2
	7446719	<i>Sulfuric trioxide</i>	2
68	108883	Toluene	200
25	79005	1,1,2-Trichloroethane {Vinyl trichloride}	3
20	79016	Trichloroethylene	20

Table 2: De-Minimis Reporting Limits for Toxics

TAC Code	CAS	Substance	Degree of Accuracy (lbs/yr)
26	95636	1,2,4-Trimethylbenzene	5
69	51796	Urethane {Ethyl carbamate}	0.1
21	75014	Vinyl chloride	0.5
70	1330207 108383 95476 106423	Xylenes <i>m-Xylene</i> <i>o-Xylene</i> <i>p-Xylene</i>	200 200 200 200
71	75456	Chlorodifluoromethane {Freon 22}	200

Table 3: Multi-pathway Adjustment Factor

CAS	Substance	Cancer Risk		Chronic Hazard	
		Residential	Worker	Residential	Worker
1080	Polychlorinated Dibenzo-p-Dioxins (PCDD) (as 2,3,7,8-Equiv)	18.187	7.584	154.968	6.726
1151	Polycyclic Aromatic Hydrocarbon (PAHs)	23.116	6.619	1.000	1.000
50328	Benzo[a]pyrene	23.116	6.619	1.000	1.000
53703	Dibenz[a,h]anthracene	7.989	2.485	1.000	1.000
56495	Methylcholanthrene, 3-	7.989	2.485	1.000	1.000
56553	Benz[a]anthracene	23.116	6.619	1.000	1.000
57976	Dimethylbenz[a]anthracene, 7,12-	7.989	2.485	1.000	1.000
58899	Hexachlorocyclohexane, gamma- (lindane)	5.387	1.252	1.000	1.000
101779	Methylene dianiline, 4,4'-(and its dichloride)	7.220	2.472	1.000	1.000
117817	Bis(2-ethylhexyl)phthalate (DEHP)	5.221	1.048	1.000	1.000
189559	Dibenzo[a,i]pyrene	23.116	6.619	1.000	1.000
189640	Dibenzo[a,h]pyrene	23.116	6.619	1.000	1.000
191300	Dibenzo[a,l]pyrene	23.116	6.619	1.000	1.000
192654	Dibenzo[a,e]pyrene	23.116	6.619	1.000	1.000
193395	Indeno(1,2,3-C,D)pyrene	23.116	6.619	1.000	1.000
194592	Dibenzo[c,g]carbazole, 7H-	23.116	6.619	1.000	1.000
205823	Benzo[j]fluoranthene	23.116	6.619	1.000	1.000
205992	Benzo[b]fluoranthene	23.116	6.619	1.000	1.000
207089	Benzo[k]fluoranthene	23.116	6.619	1.000	1.000
218019	Chrysene	23.116	6.619	1.000	1.000
224420	Dibenzo[a,j]acridine	23.116	6.619	1.000	1.000
226368	Dibenzo[a,h,j]acridine	23.116	6.619	1.000	1.000
319846	alpha-Hexachlorocyclohexane	5.387	1.252	1.000	1.000
319857	beta-Hexachlorocyclohexane	5.387	1.252	1.000	1.000
602879	Nitroacenaphthene, 5-	7.989	2.485	1.000	1.000
607578	Nitrofluorene, 2-	23.116	6.619	1.000	1.000
608731	Hexachlorocyclohexane (technical grade)	5.387	1.252	1.000	1.000
1336363	Polychlorinated biphenyls (PCBs)	18.939	13.118	1.000	1.000
1746016	Tetrachlorodibenzo-p-dioxin, 2,3,7,8-	25.719	7.584	307.600	6.726
3268879	Octachlorodibenzo-p-dioxin, 1,2,3,4,6,7,8,9-	25.719	7.585	302.952	6.640
3697243	Methylchrysene, 5-	23.116	6.619	1.000	1.000
5522430	Nitropyrene, 1-	23.116	6.619	1.000	1.000
7439921	Lead and lead compounds	11.415	5.826	1.000	1.000
7439976	Mercury and mercury compounds (inorganic)	1.000	1.000	3.861	2.109
7440382	Arsenic and arsenic compounds (inorganic)	9.712	4.519	88.029	28.374
7440439	Cadmium and cadmium compounds	1.000	1.000	1.976	1.201
7446346	Selenium sulfide	1.000	1.000	195.576	23.710
7487947	Mercuric chloride	1.000	1.000	3.861	2.109
7496028	Nitrochrysene, 6-	23.116	6.619	1.000	1.000
7664393	Hydrogen fluoride (hydrofluoric acid)	1.000	1.000	6.064	2.987

Table 3: Multi-pathway Adjustment Factor

CAS	SUBSTANCE	Cancer Risk		Chronic Hazard	
		Residential	Worker	Residential	Worker
7782492	Selenium and selenium compounds, other than hydrogen selenide	1.000	1.000	195.576	23.710
18540299	Chromium, hexavalent	1.597	1.023	2.436	1.000
19408743	Hexachlorodibenzo-p-dioxin, 1,2,3,7,8,9-	25.719	7.584	307.600	6.726
35822469	Heptachlorodibenzo-p-dioxin, 1,2,3,4,6,7,8-	25.719	7.584	307.600	6.726
39001020	Octachlorodibenzofuran, 1,2,3,4,6,7,8,9-	18.187	7.585	152.633	6.640
39227286	Hexachlorodibenzo-p-dioxin, 1,2,3,4,7,8-	25.719	7.584	307.600	6.726
40321764	Pentachlorodibenzo-p-dioxin, 1,2,3,7,8-	25.719	7.584	307.600	6.726
42397648	Dinitropyrene, 1,6-	23.116	6.619	1.000	1.000
42397659	Dinitropyrene, 1,8-	23.116	6.619	1.000	1.000
51207319	Tetrachlorodibenzofuran, 2,3,7,8-	18.187	7.584	154.968	6.726
55673897	Heptachlorodibenzofuran, 1,2,3,4,7,8,9-	18.187	7.584	154.968	6.726
57117314	Pentachlorodibenzofuran, 2,3,4,7,8-	18.187	7.585	152.633	6.640
57117416	Pentachlorodibenzofuran, 1,2,3,7,8-	18.187	7.585	152.633	6.640
57117449	Hexachlorodibenzofuran, 1,2,3,6,7,8-	18.187	7.584	154.968	6.726
57653857	Hexachlorodibenzo-p-dioxin, 1,2,3,6,7,8-	25.719	7.584	307.600	6.726
57835924	Nitropyrene, 4-	23.116	6.619	1.000	1.000
60851345	Hexachlorodibenzofuran, 2,3,4,6,7,8-	18.187	7.584	154.968	6.726
67562394	Heptachlorodibenzofuran, 1,2,3,4,6,7,8-	18.187	7.584	154.968	6.726
70648269	Hexachlorodibenzofuran, 1,2,3,4,7,8-	18.187	7.584	154.968	6.726
72918219	Hexachlorodibenzofuran, 1,2,3,7,8,9-	18.187	7.584	154.968	6.726

Table 4: Annual Receptor Proximity Adjustment Factors [$(\mu\text{g}/\text{m}^3)/(\text{tons}/\text{yr})$]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
1	ANAHEIM	10	21.639	11.966	7.675	1.731	0.515	0.161	0.049
1	ANAHEIM	20	22.602	12.491	7.853	1.842	0.558	0.167	0.050
1	ANAHEIM	30	23.773	13.206	8.422	2.076	0.616	0.173	0.052
1	ANAHEIM	40	24.454	13.739	8.891	2.204	0.653	0.177	0.053
1	ANAHEIM	50	23.716	13.318	8.534	2.150	0.646	0.176	0.053
1	ANAHEIM	60	21.874	12.035	7.636	1.911	0.598	0.172	0.052
1	ANAHEIM	70	19.908	10.769	6.779	1.696	0.552	0.167	0.050
1	ANAHEIM	80	18.559	10.193	6.465	1.651	0.535	0.162	0.049
1	ANAHEIM	90	17.135	9.704	6.255	1.652	0.527	0.159	0.048
1	ANAHEIM	100	14.993	8.520	5.452	1.436	0.490	0.156	0.048
1	ANAHEIM	110	12.487	7.030	4.466	1.188	0.444	0.154	0.048
1	ANAHEIM	120	10.613	5.964	3.765	1.029	0.416	0.153	0.047
1	ANAHEIM	130	9.617	5.428	3.423	0.952	0.401	0.152	0.047
1	ANAHEIM	140	9.216	5.210	3.280	0.918	0.395	0.152	0.047
1	ANAHEIM	150	9.086	5.152	3.242	0.911	0.393	0.151	0.047
1	ANAHEIM	160	9.124	5.150	3.239	0.897	0.387	0.151	0.047
1	ANAHEIM	170	9.410	5.223	3.293	0.890	0.382	0.151	0.047
1	ANAHEIM	180	9.888	5.383	3.407	0.901	0.380	0.151	0.047
1	ANAHEIM	190	10.788	5.746	3.603	0.943	0.389	0.152	0.047
1	ANAHEIM	200	12.478	6.645	4.139	1.073	0.415	0.152	0.047
1	ANAHEIM	210	14.876	8.199	5.223	1.371	0.469	0.153	0.047
1	ANAHEIM	220	16.945	9.627	6.301	1.685	0.536	0.154	0.048
1	ANAHEIM	230	17.500	9.920	6.446	1.705	0.537	0.155	0.048
1	ANAHEIM	240	16.572	9.122	5.821	1.525	0.505	0.155	0.048
1	ANAHEIM	250	15.054	8.147	5.150	1.346	0.472	0.155	0.048
1	ANAHEIM	260	13.810	7.489	4.743	1.275	0.459	0.154	0.048
1	ANAHEIM	270	12.779	7.005	4.444	1.200	0.441	0.153	0.047
1	ANAHEIM	280	11.956	6.599	4.179	1.132	0.431	0.153	0.047
1	ANAHEIM	290	11.321	6.337	4.028	1.101	0.427	0.152	0.047
1	ANAHEIM	300	10.979	6.258	3.976	1.089	0.425	0.152	0.047
1	ANAHEIM	310	10.861	6.280	3.997	1.092	0.425	0.152	0.047
1	ANAHEIM	320	11.019	6.382	4.065	1.091	0.426	0.152	0.047
1	ANAHEIM	330	11.834	6.839	4.331	1.133	0.430	0.153	0.047
1	ANAHEIM	340	13.743	7.913	5.029	1.251	0.444	0.154	0.047
1	ANAHEIM	350	16.928	9.579	6.216	1.461	0.464	0.155	0.048
1	ANAHEIM	360	19.807	11.219	7.261	1.594	0.467	0.157	0.048

Table 4: Annual Receptor Proximity Adjustment Factors [$(\mu\text{g}/\text{m}^3)/(\text{tons}/\text{yr})$]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
2	AZUSA	10	8.309	4.717	2.962	0.799	0.354	0.141	0.043
2	AZUSA	20	9.023	5.109	3.218	0.869	0.370	0.142	0.044
2	AZUSA	30	10.436	5.763	3.638	0.978	0.392	0.145	0.044
2	AZUSA	40	13.195	6.965	4.367	1.126	0.425	0.149	0.045
2	AZUSA	50	17.671	9.369	5.793	1.412	0.479	0.154	0.046
2	AZUSA	60	23.445	12.936	8.215	2.042	0.601	0.161	0.048
2	AZUSA	70	27.748	15.856	10.358	2.655	0.728	0.165	0.049
2	AZUSA	80	28.292	15.945	10.224	2.554	0.698	0.164	0.049
2	AZUSA	90	24.726	13.453	8.432	2.053	0.583	0.157	0.047
2	AZUSA	100	19.395	10.349	6.470	1.609	0.506	0.150	0.045
2	AZUSA	110	14.563	8.004	5.091	1.307	0.449	0.145	0.044
2	AZUSA	120	11.495	6.577	4.208	1.112	0.412	0.142	0.043
2	AZUSA	130	9.714	5.778	3.700	0.996	0.390	0.140	0.043
2	AZUSA	140	8.790	5.346	3.421	0.928	0.376	0.139	0.043
2	AZUSA	150	8.465	5.184	3.310	0.907	0.372	0.139	0.043
2	AZUSA	160	8.762	5.225	3.339	0.896	0.367	0.139	0.043
2	AZUSA	170	9.918	5.554	3.544	0.918	0.368	0.140	0.043
2	AZUSA	180	12.267	6.474	4.063	0.968	0.369	0.142	0.044
2	AZUSA	190	15.342	8.400	5.275	1.242	0.415	0.144	0.045
2	AZUSA	200	17.591	10.107	6.557	1.626	0.494	0.146	0.045
2	AZUSA	210	18.268	10.429	6.805	1.745	0.522	0.147	0.045
2	AZUSA	220	17.231	9.459	6.096	1.519	0.484	0.146	0.045
2	AZUSA	230	15.296	8.355	5.303	1.369	0.458	0.144	0.044
2	AZUSA	240	13.803	7.629	4.874	1.286	0.444	0.142	0.044
2	AZUSA	250	12.900	7.161	4.583	1.220	0.431	0.141	0.043
2	AZUSA	260	12.317	6.805	4.310	1.145	0.415	0.140	0.043
2	AZUSA	270	11.744	6.483	4.100	1.100	0.403	0.140	0.043
2	AZUSA	280	11.144	6.128	3.850	1.031	0.393	0.140	0.043
2	AZUSA	290	10.583	5.804	3.643	0.983	0.386	0.140	0.043
2	AZUSA	300	10.205	5.583	3.508	0.960	0.383	0.140	0.043
2	AZUSA	310	9.864	5.367	3.358	0.922	0.377	0.140	0.043
2	AZUSA	320	9.464	5.113	3.183	0.871	0.367	0.140	0.043
2	AZUSA	330	9.018	4.867	3.006	0.831	0.360	0.140	0.043
2	AZUSA	340	8.532	4.687	2.897	0.796	0.352	0.140	0.043
2	AZUSA	350	8.173	4.562	2.838	0.779	0.349	0.140	0.043
2	AZUSA	360	8.077	4.543	2.823	0.760	0.345	0.140	0.043

Table 4: Annual Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(tons/yr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
3	BANNING AIRPORT	10	1.909	1.279	0.846	0.254	0.120	0.049	0.015
3	BANNING AIRPORT	20	2.054	1.384	0.942	0.288	0.131	0.051	0.016
3	BANNING AIRPORT	30	2.635	1.637	1.127	0.354	0.156	0.059	0.017
3	BANNING AIRPORT	40	4.317	2.404	1.606	0.509	0.223	0.082	0.023
3	BANNING AIRPORT	50	7.778	4.336	2.848	0.865	0.366	0.131	0.037
3	BANNING AIRPORT	60	13.506	7.648	5.050	1.532	0.602	0.208	0.062
3	BANNING AIRPORT	70	19.976	11.671	7.821	2.313	0.860	0.289	0.090
3	BANNING AIRPORT	80	24.500	14.496	9.595	2.850	1.029	0.335	0.107
3	BANNING AIRPORT	90	23.824	14.075	9.325	2.743	0.964	0.322	0.102
3	BANNING AIRPORT	100	18.578	10.654	7.009	2.099	0.774	0.260	0.080
3	BANNING AIRPORT	110	11.817	6.707	4.524	1.403	0.536	0.183	0.055
3	BANNING AIRPORT	120	6.741	3.961	2.709	0.864	0.347	0.120	0.035
3	BANNING AIRPORT	130	3.934	2.480	1.732	0.548	0.227	0.081	0.023
3	BANNING AIRPORT	140	2.694	1.801	1.251	0.390	0.167	0.062	0.018
3	BANNING AIRPORT	150	2.211	1.529	1.042	0.321	0.141	0.054	0.016
3	BANNING AIRPORT	160	2.095	1.421	0.953	0.287	0.129	0.051	0.016
3	BANNING AIRPORT	170	2.220	1.403	0.931	0.280	0.126	0.051	0.016
3	BANNING AIRPORT	180	2.523	1.513	0.994	0.288	0.129	0.052	0.016
3	BANNING AIRPORT	190	3.009	1.771	1.161	0.341	0.146	0.057	0.017
3	BANNING AIRPORT	200	3.557	2.131	1.408	0.420	0.170	0.063	0.020
3	BANNING AIRPORT	210	3.967	2.401	1.619	0.496	0.195	0.069	0.022
3	BANNING AIRPORT	220	4.158	2.467	1.649	0.502	0.202	0.073	0.023
3	BANNING AIRPORT	230	4.197	2.476	1.646	0.504	0.204	0.074	0.023
3	BANNING AIRPORT	240	4.256	2.486	1.663	0.513	0.207	0.074	0.023
3	BANNING AIRPORT	250	4.455	2.516	1.653	0.497	0.205	0.075	0.023
3	BANNING AIRPORT	260	5.066	2.775	1.771	0.525	0.216	0.078	0.024
3	BANNING AIRPORT	270	5.752	3.185	2.024	0.583	0.231	0.084	0.025
3	BANNING AIRPORT	280	5.985	3.379	2.143	0.592	0.236	0.087	0.026
3	BANNING AIRPORT	290	5.440	3.064	1.974	0.564	0.225	0.081	0.025
3	BANNING AIRPORT	300	4.322	2.384	1.505	0.428	0.184	0.070	0.021
3	BANNING AIRPORT	310	3.211	1.732	1.087	0.326	0.150	0.058	0.017
3	BANNING AIRPORT	320	2.515	1.396	0.895	0.273	0.129	0.052	0.016
3	BANNING AIRPORT	330	2.217	1.289	0.828	0.252	0.121	0.049	0.015
3	BANNING AIRPORT	340	2.088	1.262	0.814	0.249	0.119	0.049	0.015
3	BANNING AIRPORT	350	1.986	1.239	0.801	0.243	0.117	0.049	0.015
3	BANNING AIRPORT	360	1.913	1.237	0.806	0.243	0.117	0.049	0.015

Table 4: Annual Receptor Proximity Adjustment Factors [$(\mu\text{g}/\text{m}^3)/(\text{tons}/\text{yr})$]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
4	BURBANK	10	13.029	7.288	4.580	1.094	0.415	0.154	0.047
4	BURBANK	20	12.460	7.085	4.406	1.101	0.421	0.152	0.046
4	BURBANK	30	12.554	7.051	4.408	1.116	0.421	0.150	0.046
4	BURBANK	40	13.134	7.380	4.653	1.185	0.432	0.148	0.045
4	BURBANK	50	14.083	8.002	5.087	1.307	0.451	0.147	0.045
4	BURBANK	60	15.227	8.619	5.507	1.417	0.471	0.145	0.045
4	BURBANK	70	16.366	9.191	5.861	1.479	0.479	0.144	0.044
4	BURBANK	80	17.684	9.804	6.212	1.550	0.487	0.144	0.044
4	BURBANK	90	18.841	10.487	6.671	1.666	0.497	0.144	0.044
4	BURBANK	100	19.563	10.955	7.018	1.773	0.524	0.144	0.044
4	BURBANK	110	19.445	10.947	7.047	1.773	0.525	0.144	0.044
4	BURBANK	120	18.644	10.484	6.730	1.697	0.514	0.144	0.044
4	BURBANK	130	17.256	9.731	6.266	1.598	0.497	0.143	0.044
4	BURBANK	140	15.396	8.624	5.553	1.426	0.468	0.143	0.044
4	BURBANK	150	13.188	7.286	4.617	1.202	0.425	0.142	0.044
4	BURBANK	160	11.063	5.990	3.734	0.972	0.382	0.142	0.044
4	BURBANK	170	9.432	5.035	3.127	0.835	0.358	0.142	0.044
4	BURBANK	180	8.384	4.490	2.784	0.760	0.346	0.141	0.044
4	BURBANK	190	7.828	4.240	2.633	0.741	0.346	0.141	0.044
4	BURBANK	200	7.558	4.148	2.561	0.733	0.346	0.141	0.044
4	BURBANK	210	7.361	4.104	2.536	0.735	0.347	0.141	0.044
4	BURBANK	220	7.259	4.103	2.547	0.734	0.347	0.141	0.044
4	BURBANK	230	7.227	4.150	2.595	0.748	0.350	0.141	0.044
4	BURBANK	240	7.541	4.294	2.709	0.778	0.355	0.142	0.044
4	BURBANK	250	8.413	4.679	2.960	0.832	0.366	0.143	0.044
4	BURBANK	260	10.586	5.632	3.511	0.940	0.385	0.144	0.044
4	BURBANK	270	14.203	7.483	4.630	1.186	0.425	0.147	0.045
4	BURBANK	280	18.716	10.061	6.271	1.567	0.495	0.150	0.046
4	BURBANK	290	22.677	12.547	8.038	2.000	0.579	0.153	0.046
4	BURBANK	300	24.685	13.945	8.993	2.249	0.629	0.154	0.047
4	BURBANK	310	23.970	13.494	8.688	2.173	0.617	0.154	0.047
4	BURBANK	320	21.102	11.486	7.325	1.791	0.546	0.153	0.046
4	BURBANK	330	17.647	9.435	5.838	1.419	0.474	0.153	0.046
4	BURBANK	340	15.211	8.210	5.093	1.233	0.441	0.153	0.046
4	BURBANK	350	14.209	7.779	4.901	1.179	0.427	0.154	0.047
4	BURBANK	360	13.685	7.581	4.762	1.101	0.407	0.154	0.047

Table 4: Annual Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(tons/yr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
5	CENTRAL LA	10	14.647	8.247	5.307	1.251	0.391	0.126	0.039
5	CENTRAL LA	20	13.821	7.636	4.756	1.128	0.382	0.127	0.039
5	CENTRAL LA	30	12.270	6.386	3.928	0.947	0.357	0.128	0.039
5	CENTRAL LA	40	11.405	5.840	3.587	0.898	0.356	0.130	0.039
5	CENTRAL LA	50	11.846	6.177	3.775	0.950	0.368	0.132	0.040
5	CENTRAL LA	60	13.625	7.138	4.350	1.065	0.391	0.135	0.041
5	CENTRAL LA	70	15.649	8.407	5.220	1.268	0.426	0.137	0.041
5	CENTRAL LA	80	17.011	9.346	5.853	1.452	0.457	0.135	0.041
5	CENTRAL LA	90	16.687	9.184	5.769	1.444	0.441	0.130	0.039
5	CENTRAL LA	100	14.759	7.966	4.964	1.243	0.404	0.125	0.038
5	CENTRAL LA	110	12.110	6.556	4.132	1.051	0.367	0.121	0.037
5	CENTRAL LA	120	10.322	5.738	3.622	0.942	0.346	0.119	0.036
5	CENTRAL LA	130	9.518	5.504	3.506	0.923	0.342	0.118	0.036
5	CENTRAL LA	140	9.313	5.535	3.574	0.945	0.347	0.118	0.036
5	CENTRAL LA	150	9.260	5.593	3.598	0.947	0.345	0.118	0.036
5	CENTRAL LA	160	9.239	5.518	3.551	0.911	0.334	0.117	0.036
5	CENTRAL LA	170	9.520	5.415	3.494	0.871	0.321	0.117	0.036
5	CENTRAL LA	180	10.498	5.646	3.575	0.838	0.309	0.118	0.036
5	CENTRAL LA	190	12.984	6.794	4.226	0.971	0.333	0.118	0.036
5	CENTRAL LA	200	16.329	9.009	5.656	1.320	0.395	0.119	0.037
5	CENTRAL LA	210	18.966	10.961	7.181	1.823	0.494	0.121	0.037
5	CENTRAL LA	220	19.278	11.099	7.347	1.860	0.510	0.121	0.037
5	CENTRAL LA	230	17.012	9.372	5.938	1.462	0.435	0.121	0.037
5	CENTRAL LA	240	13.728	7.170	4.424	1.082	0.368	0.120	0.037
5	CENTRAL LA	250	11.049	5.783	3.602	0.922	0.343	0.120	0.037
5	CENTRAL LA	260	9.473	5.104	3.203	0.862	0.335	0.120	0.037
5	CENTRAL LA	270	8.386	4.594	2.882	0.778	0.316	0.119	0.037
5	CENTRAL LA	280	7.527	4.113	2.546	0.696	0.303	0.119	0.037
5	CENTRAL LA	290	6.820	3.771	2.332	0.654	0.297	0.118	0.036
5	CENTRAL LA	300	6.486	3.607	2.221	0.630	0.292	0.118	0.036
5	CENTRAL LA	310	6.458	3.575	2.199	0.629	0.292	0.118	0.036
5	CENTRAL LA	320	6.621	3.612	2.228	0.633	0.294	0.118	0.036
5	CENTRAL LA	330	7.044	3.748	2.289	0.643	0.296	0.118	0.036
5	CENTRAL LA	340	8.144	4.229	2.528	0.667	0.300	0.120	0.037
5	CENTRAL LA	350	10.591	5.366	3.263	0.772	0.314	0.122	0.037
5	CENTRAL LA	360	13.379	7.225	4.518	1.003	0.339	0.124	0.038

Table 4: Annual Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(tons/yr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
6	COMPTON	10	12.694	6.999	4.355	1.064	0.424	0.163	0.050
6	COMPTON	20	11.715	6.627	4.119	1.057	0.429	0.163	0.050
6	COMPTON	30	11.440	6.399	4.012	1.057	0.432	0.162	0.050
6	COMPTON	40	12.226	6.639	4.135	1.075	0.437	0.163	0.050
6	COMPTON	50	15.058	7.842	4.776	1.189	0.461	0.165	0.050
6	COMPTON	60	20.896	10.884	6.531	1.493	0.508	0.170	0.051
6	COMPTON	70	27.383	15.410	9.842	2.375	0.674	0.176	0.053
6	COMPTON	80	31.545	18.240	11.924	3.079	0.820	0.178	0.054
6	COMPTON	90	30.517	17.200	10.876	2.616	0.693	0.174	0.053
6	COMPTON	100	25.557	13.513	8.335	1.947	0.582	0.169	0.051
6	COMPTON	110	19.795	10.623	6.603	1.604	0.525	0.164	0.050
6	COMPTON	120	16.706	9.172	5.757	1.436	0.493	0.161	0.049
6	COMPTON	130	15.528	8.824	5.612	1.423	0.489	0.159	0.049
6	COMPTON	140	15.366	8.929	5.755	1.459	0.496	0.158	0.049
6	COMPTON	150	15.325	8.996	5.755	1.470	0.494	0.158	0.049
6	COMPTON	160	15.037	8.711	5.512	1.362	0.467	0.157	0.049
6	COMPTON	170	14.841	8.235	5.155	1.226	0.435	0.157	0.049
6	COMPTON	180	14.687	7.908	4.907	1.122	0.411	0.157	0.049
6	COMPTON	190	14.752	8.023	5.012	1.185	0.429	0.157	0.049
6	COMPTON	200	15.092	8.361	5.241	1.300	0.456	0.157	0.049
6	COMPTON	210	15.468	8.601	5.448	1.384	0.474	0.157	0.049
6	COMPTON	220	15.529	8.630	5.486	1.408	0.484	0.157	0.049
6	COMPTON	230	15.180	8.395	5.287	1.361	0.476	0.157	0.049
6	COMPTON	240	14.684	7.994	5.013	1.287	0.463	0.157	0.049
6	COMPTON	250	14.148	7.657	4.782	1.244	0.458	0.157	0.049
6	COMPTON	260	13.898	7.470	4.647	1.206	0.450	0.157	0.049
6	COMPTON	270	13.793	7.451	4.651	1.207	0.446	0.157	0.049
6	COMPTON	280	13.725	7.468	4.682	1.232	0.454	0.157	0.049
6	COMPTON	290	13.554	7.395	4.656	1.231	0.455	0.157	0.049
6	COMPTON	300	13.430	7.286	4.548	1.185	0.446	0.157	0.049
6	COMPTON	310	13.495	7.284	4.542	1.186	0.447	0.158	0.049
6	COMPTON	320	13.767	7.430	4.668	1.217	0.456	0.158	0.049
6	COMPTON	330	14.081	7.641	4.778	1.239	0.457	0.159	0.049
6	COMPTON	340	14.320	7.765	4.804	1.207	0.448	0.160	0.049
6	COMPTON	350	14.206	7.728	4.808	1.177	0.437	0.161	0.050
6	COMPTON	360	13.627	7.464	4.638	1.102	0.420	0.162	0.050

Table 4: Annual Receptor Proximity Adjustment Factors [$(\mu\text{g}/\text{m}^3)/(\text{tons}/\text{yr})$]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
7	COSTA MESA	10	20.688	11.535	7.314	1.694	0.568	0.197	0.061
7	COSTA MESA	20	21.139	11.961	7.537	1.822	0.604	0.198	0.061
7	COSTA MESA	30	22.361	12.695	8.063	1.999	0.642	0.200	0.061
7	COSTA MESA	40	23.812	13.559	8.704	2.182	0.687	0.201	0.061
7	COSTA MESA	50	24.788	14.047	8.975	2.262	0.705	0.203	0.062
7	COSTA MESA	60	25.513	14.108	8.901	2.214	0.700	0.206	0.062
7	COSTA MESA	70	26.168	14.246	8.949	2.207	0.700	0.208	0.063
7	COSTA MESA	80	27.032	14.717	9.214	2.280	0.713	0.209	0.064
7	COSTA MESA	90	27.032	14.964	9.465	2.378	0.718	0.208	0.064
7	COSTA MESA	100	25.389	14.148	8.992	2.283	0.708	0.205	0.063
7	COSTA MESA	110	22.164	12.331	7.835	2.002	0.653	0.200	0.061
7	COSTA MESA	120	18.856	10.430	6.560	1.685	0.592	0.196	0.060
7	COSTA MESA	130	16.376	9.099	5.731	1.491	0.553	0.192	0.060
7	COSTA MESA	140	14.839	8.295	5.272	1.411	0.541	0.191	0.059
7	COSTA MESA	150	13.717	7.667	4.835	1.304	0.517	0.190	0.059
7	COSTA MESA	160	12.779	7.042	4.391	1.180	0.492	0.189	0.059
7	COSTA MESA	170	12.068	6.533	4.055	1.090	0.473	0.188	0.059
7	COSTA MESA	180	11.565	6.213	3.848	1.036	0.462	0.188	0.059
7	COSTA MESA	190	11.307	6.075	3.762	1.031	0.465	0.188	0.059
7	COSTA MESA	200	11.366	6.126	3.786	1.054	0.471	0.188	0.059
7	COSTA MESA	210	11.699	6.325	3.932	1.103	0.481	0.188	0.059
7	COSTA MESA	220	12.193	6.610	4.127	1.149	0.491	0.189	0.059
7	COSTA MESA	230	12.850	6.978	4.358	1.198	0.500	0.189	0.059
7	COSTA MESA	240	13.845	7.498	4.687	1.276	0.514	0.190	0.059
7	COSTA MESA	250	15.165	8.260	5.169	1.377	0.533	0.190	0.059
7	COSTA MESA	260	16.839	9.247	5.825	1.520	0.552	0.190	0.059
7	COSTA MESA	270	18.283	10.171	6.487	1.730	0.591	0.190	0.059
7	COSTA MESA	280	18.844	10.448	6.654	1.749	0.592	0.190	0.059
7	COSTA MESA	290	18.676	10.236	6.461	1.667	0.580	0.190	0.059
7	COSTA MESA	300	18.695	10.257	6.461	1.671	0.582	0.191	0.059
7	COSTA MESA	310	19.404	10.794	6.844	1.768	0.602	0.192	0.059
7	COSTA MESA	320	20.390	11.592	7.458	1.904	0.628	0.193	0.060
7	COSTA MESA	330	21.062	12.181	7.844	2.009	0.644	0.194	0.060
7	COSTA MESA	340	21.172	12.182	7.767	1.907	0.613	0.195	0.060
7	COSTA MESA	350	21.035	11.823	7.528	1.769	0.575	0.195	0.060
7	COSTA MESA	360	20.751	11.512	7.283	1.625	0.539	0.196	0.060

Table 4: Annual Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(tons/yr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
8	CRESTLINE	10	15.693	8.816	5.596	1.360	0.503	0.184	0.057
8	CRESTLINE	20	15.396	8.848	5.604	1.419	0.521	0.184	0.056
8	CRESTLINE	30	16.212	9.253	5.896	1.526	0.544	0.184	0.056
8	CRESTLINE	40	18.207	10.208	6.489	1.641	0.566	0.185	0.057
8	CRESTLINE	50	21.461	12.008	7.553	1.849	0.599	0.185	0.057
8	CRESTLINE	60	25.756	14.624	9.320	2.272	0.669	0.184	0.056
8	CRESTLINE	70	29.581	17.187	11.199	2.837	0.780	0.182	0.056
8	CRESTLINE	80	30.990	18.011	11.757	2.984	0.799	0.180	0.055
8	CRESTLINE	90	29.016	16.534	10.614	2.611	0.706	0.176	0.054
8	CRESTLINE	100	24.950	13.981	8.865	2.156	0.630	0.174	0.054
8	CRESTLINE	110	20.772	11.713	7.474	1.876	0.588	0.173	0.053
8	CRESTLINE	120	17.670	10.118	6.510	1.681	0.555	0.172	0.053
8	CRESTLINE	130	15.557	9.042	5.828	1.514	0.524	0.171	0.053
8	CRESTLINE	140	14.079	8.193	5.270	1.392	0.505	0.171	0.053
8	CRESTLINE	150	12.912	7.463	4.751	1.266	0.480	0.171	0.053
8	CRESTLINE	160	11.983	6.803	4.293	1.146	0.456	0.170	0.053
8	CRESTLINE	170	11.323	6.253	3.923	1.042	0.435	0.170	0.053
8	CRESTLINE	180	10.745	5.831	3.630	0.964	0.421	0.170	0.053
8	CRESTLINE	190	10.286	5.595	3.490	0.953	0.423	0.170	0.053
8	CRESTLINE	200	10.076	5.502	3.427	0.963	0.428	0.170	0.053
8	CRESTLINE	210	10.009	5.458	3.402	0.963	0.430	0.170	0.053
8	CRESTLINE	220	10.014	5.456	3.405	0.970	0.432	0.170	0.053
8	CRESTLINE	230	10.147	5.524	3.443	0.978	0.434	0.170	0.053
8	CRESTLINE	240	10.661	5.762	3.574	1.000	0.437	0.171	0.053
8	CRESTLINE	250	11.602	6.331	3.945	1.072	0.451	0.171	0.053
8	CRESTLINE	260	12.928	7.160	4.532	1.226	0.475	0.173	0.054
8	CRESTLINE	270	14.144	7.852	5.020	1.396	0.516	0.175	0.054
8	CRESTLINE	280	15.022	8.136	5.106	1.348	0.502	0.177	0.055
8	CRESTLINE	290	15.958	8.531	5.302	1.364	0.513	0.181	0.056
8	CRESTLINE	300	17.204	9.360	5.891	1.553	0.557	0.185	0.057
8	CRESTLINE	310	18.433	10.154	6.447	1.687	0.583	0.188	0.058
8	CRESTLINE	320	19.091	10.535	6.716	1.724	0.594	0.191	0.059
8	CRESTLINE	330	19.002	10.570	6.689	1.720	0.591	0.191	0.059
8	CRESTLINE	340	18.348	10.239	6.454	1.612	0.561	0.190	0.058
8	CRESTLINE	350	17.511	9.727	6.155	1.493	0.527	0.187	0.058
8	CRESTLINE	360	16.508	9.183	5.820	1.365	0.495	0.185	0.057

Table 4: Annual Receptor Proximity Adjustment Factors [$(\mu\text{g}/\text{m}^3)/(\text{tons}/\text{yr})$]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
9	FONTANA	10	8.362	4.745	3.070	0.835	0.351	0.136	0.042
9	FONTANA	20	10.089	5.565	3.574	0.988	0.396	0.145	0.044
9	FONTANA	30	13.535	7.235	4.578	1.252	0.471	0.163	0.049
9	FONTANA	40	18.781	10.350	6.678	1.774	0.606	0.191	0.057
9	FONTANA	50	24.175	13.958	9.201	2.519	0.793	0.220	0.067
9	FONTANA	60	27.281	15.823	10.403	2.800	0.863	0.236	0.073
9	FONTANA	70	26.523	15.121	9.892	2.660	0.830	0.230	0.071
9	FONTANA	80	22.437	12.506	8.051	2.187	0.708	0.206	0.062
9	FONTANA	90	16.934	9.286	5.938	1.616	0.552	0.176	0.053
9	FONTANA	100	12.269	6.798	4.395	1.222	0.452	0.153	0.046
9	FONTANA	110	9.337	5.430	3.565	1.007	0.393	0.139	0.042
9	FONTANA	120	8.063	4.891	3.195	0.904	0.365	0.133	0.041
9	FONTANA	130	7.773	4.804	3.128	0.888	0.360	0.131	0.041
9	FONTANA	140	8.063	4.939	3.202	0.894	0.360	0.131	0.041
9	FONTANA	150	8.722	5.291	3.437	0.961	0.373	0.133	0.041
9	FONTANA	160	9.745	5.794	3.772	1.014	0.381	0.136	0.042
9	FONTANA	170	11.368	6.475	4.252	1.103	0.395	0.140	0.044
9	FONTANA	180	13.398	7.435	4.833	1.169	0.402	0.147	0.046
9	FONTANA	190	15.422	8.738	5.715	1.435	0.467	0.156	0.048
9	FONTANA	200	16.608	9.692	6.392	1.680	0.531	0.162	0.051
9	FONTANA	210	16.621	9.618	6.351	1.719	0.549	0.163	0.051
9	FONTANA	220	15.608	8.889	5.843	1.583	0.524	0.159	0.049
9	FONTANA	230	14.058	8.034	5.264	1.466	0.495	0.152	0.047
9	FONTANA	240	12.487	7.091	4.625	1.290	0.453	0.145	0.045
9	FONTANA	250	11.118	6.237	4.039	1.134	0.416	0.139	0.043
9	FONTANA	260	10.111	5.642	3.625	1.021	0.389	0.135	0.042
9	FONTANA	270	9.362	5.248	3.373	0.958	0.371	0.133	0.041
9	FONTANA	280	8.763	4.906	3.136	0.892	0.359	0.131	0.041
9	FONTANA	290	8.344	4.659	2.969	0.847	0.350	0.130	0.041
9	FONTANA	300	8.150	4.567	2.909	0.836	0.348	0.130	0.040
9	FONTANA	310	8.007	4.492	2.856	0.819	0.344	0.129	0.040
9	FONTANA	320	7.771	4.372	2.771	0.792	0.339	0.129	0.040
9	FONTANA	330	7.467	4.269	2.692	0.764	0.333	0.129	0.040
9	FONTANA	340	7.248	4.226	2.685	0.761	0.332	0.130	0.040
9	FONTANA	350	7.255	4.241	2.719	0.754	0.329	0.130	0.041
9	FONTANA	360	7.566	4.363	2.809	0.760	0.330	0.132	0.041

Table 4: Annual Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(tons/yr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
10	INDIO	10	8.564	4.537	2.811	0.728	0.303	0.117	0.036
10	INDIO	20	8.069	4.399	2.728	0.732	0.304	0.115	0.035
10	INDIO	30	7.774	4.316	2.698	0.735	0.304	0.114	0.035
10	INDIO	40	7.524	4.247	2.667	0.730	0.303	0.113	0.035
10	INDIO	50	7.303	4.222	2.662	0.733	0.304	0.113	0.035
10	INDIO	60	7.305	4.270	2.724	0.757	0.310	0.114	0.035
10	INDIO	70	7.628	4.432	2.859	0.795	0.321	0.117	0.036
10	INDIO	80	8.685	4.918	3.175	0.888	0.349	0.124	0.037
10	INDIO	90	10.931	6.075	3.927	1.109	0.412	0.140	0.042
10	INDIO	100	14.704	8.156	5.286	1.502	0.531	0.171	0.051
10	INDIO	110	19.436	11.034	7.265	2.056	0.693	0.211	0.065
10	INDIO	120	23.786	13.912	9.242	2.591	0.847	0.248	0.078
10	INDIO	130	26.078	15.430	10.331	2.918	0.930	0.264	0.084
10	INDIO	140	25.338	14.758	9.851	2.697	0.869	0.251	0.079
10	INDIO	150	22.317	12.802	8.399	2.312	0.747	0.219	0.067
10	INDIO	160	18.599	10.561	6.910	1.827	0.591	0.182	0.055
10	INDIO	170	15.184	8.589	5.684	1.461	0.468	0.152	0.046
10	INDIO	180	12.179	6.926	4.551	1.097	0.368	0.131	0.040
10	INDIO	190	9.763	5.659	3.739	0.942	0.339	0.120	0.037
10	INDIO	200	8.181	4.907	3.181	0.839	0.318	0.114	0.035
10	INDIO	210	7.442	4.425	2.856	0.786	0.310	0.112	0.034
10	INDIO	220	7.118	4.132	2.627	0.726	0.297	0.110	0.034
10	INDIO	230	6.942	3.929	2.467	0.694	0.292	0.110	0.034
10	INDIO	240	6.849	3.781	2.366	0.670	0.286	0.109	0.034
10	INDIO	250	6.820	3.707	2.310	0.654	0.283	0.109	0.034
10	INDIO	260	6.927	3.733	2.319	0.655	0.283	0.109	0.034
10	INDIO	270	7.141	3.837	2.396	0.680	0.289	0.110	0.034
10	INDIO	280	7.436	3.954	2.454	0.686	0.292	0.111	0.034
10	INDIO	290	7.935	4.175	2.582	0.718	0.304	0.115	0.035
10	INDIO	300	8.726	4.596	2.834	0.770	0.319	0.119	0.036
10	INDIO	310	9.668	5.128	3.177	0.858	0.343	0.124	0.038
10	INDIO	320	10.388	5.550	3.475	0.919	0.360	0.128	0.039
10	INDIO	330	10.655	5.716	3.556	0.944	0.365	0.129	0.039
10	INDIO	340	10.403	5.530	3.416	0.887	0.349	0.127	0.039
10	INDIO	350	9.886	5.169	3.189	0.819	0.328	0.124	0.038
10	INDIO	360	9.216	4.814	2.970	0.752	0.308	0.120	0.037

Table 4: Annual Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(tons/yr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
11	LA HABRA	10	21.277	11.783	7.439	1.706	0.560	0.192	0.059
11	LA HABRA	20	21.312	11.870	7.446	1.794	0.595	0.195	0.060
11	LA HABRA	30	21.289	11.709	7.370	1.824	0.611	0.198	0.061
11	LA HABRA	40	21.356	11.609	7.294	1.804	0.615	0.200	0.061
11	LA HABRA	50	21.693	11.754	7.316	1.819	0.622	0.201	0.061
11	LA HABRA	60	22.677	12.239	7.624	1.885	0.631	0.201	0.061
11	LA HABRA	70	23.760	12.927	8.124	2.041	0.664	0.200	0.061
11	LA HABRA	80	24.359	13.279	8.308	2.077	0.663	0.198	0.061
11	LA HABRA	90	23.542	12.881	8.098	2.040	0.642	0.196	0.060
11	LA HABRA	100	21.362	11.638	7.304	1.858	0.616	0.193	0.059
11	LA HABRA	110	18.472	10.016	6.254	1.588	0.563	0.190	0.059
11	LA HABRA	120	16.109	8.781	5.490	1.434	0.536	0.187	0.058
11	LA HABRA	130	14.543	8.032	5.051	1.345	0.520	0.186	0.058
11	LA HABRA	140	13.513	7.492	4.709	1.263	0.504	0.185	0.058
11	LA HABRA	150	12.700	7.059	4.404	1.193	0.490	0.185	0.058
11	LA HABRA	160	12.092	6.695	4.163	1.125	0.476	0.184	0.058
11	LA HABRA	170	11.749	6.458	4.017	1.073	0.463	0.184	0.057
11	LA HABRA	180	11.753	6.406	3.979	1.045	0.455	0.184	0.057
11	LA HABRA	190	12.172	6.647	4.138	1.088	0.465	0.184	0.058
11	LA HABRA	200	13.119	7.201	4.493	1.188	0.485	0.184	0.058
11	LA HABRA	210	14.668	8.084	5.080	1.339	0.513	0.185	0.058
11	LA HABRA	220	16.838	9.304	5.885	1.519	0.546	0.185	0.058
11	LA HABRA	230	19.404	10.799	6.852	1.740	0.584	0.186	0.058
11	LA HABRA	240	22.163	12.402	7.904	1.999	0.631	0.186	0.058
11	LA HABRA	250	24.333	13.736	8.811	2.240	0.678	0.187	0.058
11	LA HABRA	260	25.370	14.222	9.085	2.285	0.681	0.187	0.058
11	LA HABRA	270	24.842	13.802	8.753	2.178	0.650	0.187	0.058
11	LA HABRA	280	23.205	12.865	8.140	2.043	0.636	0.187	0.058
11	LA HABRA	290	20.963	11.701	7.434	1.877	0.608	0.187	0.058
11	LA HABRA	300	18.860	10.583	6.715	1.721	0.585	0.187	0.058
11	LA HABRA	310	17.270	9.748	6.167	1.583	0.559	0.186	0.058
11	LA HABRA	320	16.467	9.285	5.875	1.500	0.545	0.186	0.058
11	LA HABRA	330	16.530	9.376	5.907	1.505	0.544	0.187	0.058
11	LA HABRA	340	17.501	9.911	6.237	1.544	0.544	0.187	0.058
11	LA HABRA	350	19.121	10.701	6.783	1.591	0.537	0.188	0.058
11	LA HABRA	360	20.547	11.405	7.198	1.603	0.524	0.189	0.059

Table 4: Annual Receptor Proximity Adjustment Factors [$(\mu\text{g}/\text{m}^3)/(\text{tons}/\text{yr})$]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
12	LAKE ELSINORE	10	14.371	7.806	4.962	1.250	0.489	0.184	0.057
12	LAKE ELSINORE	20	13.270	7.420	4.702	1.252	0.501	0.186	0.057
12	LAKE ELSINORE	30	13.575	7.577	4.792	1.296	0.517	0.190	0.058
12	LAKE ELSINORE	40	14.575	8.118	5.116	1.374	0.542	0.195	0.060
12	LAKE ELSINORE	50	15.619	8.833	5.583	1.504	0.574	0.201	0.062
12	LAKE ELSINORE	60	16.284	9.260	5.901	1.603	0.596	0.203	0.063
12	LAKE ELSINORE	70	16.170	9.110	5.827	1.593	0.592	0.200	0.062
12	LAKE ELSINORE	80	15.341	8.471	5.363	1.471	0.558	0.194	0.059
12	LAKE ELSINORE	90	14.515	7.980	5.069	1.396	0.532	0.188	0.058
12	LAKE ELSINORE	100	14.653	8.078	5.160	1.427	0.539	0.187	0.057
12	LAKE ELSINORE	110	15.925	8.848	5.684	1.553	0.565	0.190	0.058
12	LAKE ELSINORE	120	18.241	10.271	6.617	1.787	0.617	0.195	0.060
12	LAKE ELSINORE	130	20.971	12.042	7.827	2.092	0.676	0.200	0.062
12	LAKE ELSINORE	140	22.830	13.394	8.897	2.395	0.742	0.202	0.063
12	LAKE ELSINORE	150	22.639	13.286	8.765	2.355	0.725	0.200	0.062
12	LAKE ELSINORE	160	20.715	11.796	7.635	1.954	0.626	0.195	0.060
12	LAKE ELSINORE	170	18.543	10.254	6.624	1.658	0.555	0.190	0.059
12	LAKE ELSINORE	180	17.017	9.369	6.021	1.441	0.502	0.186	0.058
12	LAKE ELSINORE	190	16.053	9.131	5.975	1.507	0.525	0.184	0.057
12	LAKE ELSINORE	200	15.208	8.925	5.823	1.542	0.541	0.182	0.057
12	LAKE ELSINORE	210	14.259	8.254	5.342	1.442	0.526	0.181	0.056
12	LAKE ELSINORE	220	13.297	7.573	4.858	1.332	0.509	0.179	0.056
12	LAKE ELSINORE	230	12.529	7.111	4.526	1.257	0.494	0.178	0.055
12	LAKE ELSINORE	240	12.115	6.846	4.356	1.220	0.487	0.177	0.055
12	LAKE ELSINORE	250	11.840	6.721	4.290	1.208	0.486	0.176	0.055
12	LAKE ELSINORE	260	11.747	6.663	4.254	1.197	0.481	0.176	0.055
12	LAKE ELSINORE	270	11.728	6.625	4.231	1.196	0.478	0.176	0.055
12	LAKE ELSINORE	280	11.995	6.704	4.273	1.196	0.479	0.176	0.055
12	LAKE ELSINORE	290	12.919	7.153	4.574	1.280	0.499	0.178	0.055
12	LAKE ELSINORE	300	14.894	8.174	5.213	1.429	0.531	0.181	0.056
12	LAKE ELSINORE	310	18.155	10.014	6.398	1.705	0.586	0.187	0.058
12	LAKE ELSINORE	320	21.833	12.412	8.137	2.145	0.680	0.193	0.060
12	LAKE ELSINORE	330	24.064	14.135	9.344	2.489	0.740	0.196	0.061
12	LAKE ELSINORE	340	23.458	13.578	8.869	2.272	0.680	0.194	0.060
12	LAKE ELSINORE	350	20.591	11.391	7.274	1.767	0.568	0.189	0.058
12	LAKE ELSINORE	360	17.036	9.160	5.804	1.394	0.497	0.185	0.057

Table 4: Annual Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(tons/yr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
13	LAX	10	12.589	7.184	4.658	1.195	0.446	0.163	0.050
13	LAX	20	13.872	7.848	5.063	1.337	0.490	0.170	0.052
13	LAX	30	15.928	8.722	5.576	1.486	0.534	0.180	0.054
13	LAX	40	19.039	10.276	6.525	1.706	0.598	0.194	0.058
13	LAX	50	22.237	12.464	7.974	2.069	0.683	0.208	0.062
13	LAX	60	24.029	13.697	8.908	2.372	0.753	0.215	0.065
13	LAX	70	23.101	12.928	8.310	2.158	0.703	0.208	0.063
13	LAX	80	20.105	10.861	6.805	1.778	0.609	0.192	0.058
13	LAX	90	16.357	8.858	5.631	1.517	0.532	0.176	0.053
13	LAX	100	13.292	7.410	4.768	1.304	0.480	0.164	0.050
13	LAX	110	11.215	6.422	4.170	1.159	0.446	0.157	0.048
13	LAX	120	9.994	5.805	3.746	1.047	0.420	0.154	0.047
13	LAX	130	9.323	5.479	3.520	0.992	0.409	0.152	0.047
13	LAX	140	8.999	5.341	3.430	0.964	0.403	0.152	0.047
13	LAX	150	8.795	5.306	3.411	0.964	0.402	0.152	0.047
13	LAX	160	8.669	5.237	3.374	0.945	0.398	0.153	0.047
13	LAX	170	8.711	5.149	3.326	0.912	0.389	0.154	0.048
13	LAX	180	9.148	5.235	3.386	0.903	0.385	0.154	0.048
13	LAX	190	10.405	5.827	3.738	0.989	0.402	0.155	0.048
13	LAX	200	12.791	7.129	4.561	1.198	0.441	0.156	0.049
13	LAX	210	16.309	9.179	5.920	1.542	0.502	0.157	0.049
13	LAX	220	20.184	11.611	7.635	1.989	0.588	0.157	0.048
13	LAX	230	22.905	13.455	8.925	2.355	0.659	0.157	0.048
13	LAX	240	23.243	13.562	8.958	2.353	0.658	0.156	0.048
13	LAX	250	21.072	11.955	7.779	2.017	0.593	0.155	0.048
13	LAX	260	17.756	9.822	6.275	1.622	0.519	0.155	0.048
13	LAX	270	14.593	8.098	5.189	1.380	0.471	0.154	0.048
13	LAX	280	12.166	6.890	4.440	1.203	0.443	0.153	0.047
13	LAX	290	10.465	6.066	3.933	1.092	0.424	0.152	0.047
13	LAX	300	9.482	5.576	3.589	1.004	0.409	0.152	0.047
13	LAX	310	9.079	5.375	3.440	0.965	0.402	0.152	0.047
13	LAX	320	9.081	5.373	3.446	0.967	0.404	0.152	0.047
13	LAX	330	9.254	5.485	3.512	0.982	0.405	0.152	0.047
13	LAX	340	9.599	5.655	3.619	0.989	0.405	0.153	0.047
13	LAX	350	10.357	5.977	3.853	1.018	0.407	0.155	0.048
13	LAX	360	11.410	6.515	4.218	1.064	0.411	0.158	0.049

Table 4: Annual Receptor Proximity Adjustment Factors [$(\mu\text{g}/\text{m}^3)/(\text{tons}/\text{yr})$]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
14	LONG BEACH	10	11.203	6.040	3.733	0.949	0.393	0.152	0.047
14	LONG BEACH	20	10.377	5.792	3.568	0.938	0.394	0.152	0.046
14	LONG BEACH	30	9.714	5.462	3.383	0.904	0.388	0.150	0.046
14	LONG BEACH	40	9.322	5.302	3.321	0.894	0.385	0.148	0.045
14	LONG BEACH	50	9.519	5.406	3.422	0.928	0.389	0.147	0.045
14	LONG BEACH	60	10.990	5.936	3.731	1.001	0.403	0.148	0.045
14	LONG BEACH	70	14.764	7.550	4.604	1.140	0.429	0.150	0.046
14	LONG BEACH	80	21.793	11.456	6.889	1.559	0.491	0.155	0.047
14	LONG BEACH	90	28.627	16.239	10.485	2.631	0.684	0.159	0.048
14	LONG BEACH	100	30.877	17.981	11.829	3.020	0.771	0.161	0.048
14	LONG BEACH	110	26.620	14.874	9.537	2.329	0.635	0.156	0.047
14	LONG BEACH	120	19.155	10.227	6.335	1.531	0.491	0.150	0.046
14	LONG BEACH	130	13.062	7.013	4.355	1.102	0.414	0.146	0.045
14	LONG BEACH	140	9.741	5.492	3.481	0.936	0.385	0.144	0.044
14	LONG BEACH	150	8.422	5.025	3.210	0.881	0.373	0.143	0.044
14	LONG BEACH	160	8.472	5.087	3.243	0.873	0.369	0.143	0.044
14	LONG BEACH	170	9.546	5.570	3.552	0.911	0.370	0.143	0.044
14	LONG BEACH	180	11.502	6.475	4.085	0.976	0.372	0.143	0.044
14	LONG BEACH	190	14.086	7.827	4.945	1.175	0.405	0.144	0.044
14	LONG BEACH	200	16.423	9.291	5.939	1.458	0.461	0.144	0.044
14	LONG BEACH	210	18.063	10.203	6.613	1.686	0.509	0.145	0.045
14	LONG BEACH	220	18.666	10.372	6.698	1.679	0.511	0.145	0.045
14	LONG BEACH	230	18.432	10.228	6.523	1.634	0.503	0.145	0.045
14	LONG BEACH	240	17.928	9.994	6.401	1.637	0.507	0.145	0.045
14	LONG BEACH	250	17.049	9.550	6.123	1.573	0.496	0.145	0.045
14	LONG BEACH	260	15.749	8.749	5.552	1.428	0.470	0.145	0.045
14	LONG BEACH	270	14.041	7.731	4.884	1.259	0.434	0.145	0.045
14	LONG BEACH	280	12.493	6.813	4.255	1.107	0.412	0.145	0.045
14	LONG BEACH	290	11.615	6.340	3.972	1.047	0.403	0.145	0.045
14	LONG BEACH	300	11.686	6.390	4.011	1.060	0.408	0.145	0.045
14	LONG BEACH	310	12.282	6.776	4.245	1.120	0.420	0.146	0.045
14	LONG BEACH	320	12.814	7.068	4.490	1.182	0.435	0.147	0.045
14	LONG BEACH	330	12.942	7.078	4.440	1.163	0.430	0.149	0.046
14	LONG BEACH	340	12.688	6.780	4.163	1.067	0.412	0.150	0.046
14	LONG BEACH	350	12.365	6.399	3.927	0.988	0.396	0.151	0.046
14	LONG BEACH	360	11.944	6.190	3.790	0.932	0.385	0.152	0.046

Table 4: Annual Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(tons/yr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
15	LYNWOOD	10	11.267	6.156	3.816	1.014	0.449	0.180	0.056
15	LYNWOOD	20	11.204	6.208	3.873	1.051	0.459	0.181	0.056
15	LYNWOOD	30	11.971	6.524	4.059	1.102	0.472	0.182	0.056
15	LYNWOOD	40	14.108	7.507	4.640	1.198	0.490	0.184	0.056
15	LYNWOOD	50	18.053	9.675	5.988	1.492	0.549	0.189	0.058
15	LYNWOOD	60	23.633	12.968	8.112	1.992	0.642	0.195	0.059
15	LYNWOOD	70	28.725	16.268	10.453	2.604	0.759	0.199	0.060
15	LYNWOOD	80	31.466	17.759	11.375	2.851	0.801	0.198	0.060
15	LYNWOOD	90	30.792	16.931	10.611	2.554	0.716	0.192	0.058
15	LYNWOOD	100	28.210	15.205	9.476	2.262	0.666	0.187	0.057
15	LYNWOOD	110	25.629	14.176	8.960	2.166	0.647	0.182	0.056
15	LYNWOOD	120	24.277	13.800	8.844	2.175	0.648	0.180	0.055
15	LYNWOOD	130	23.571	13.575	8.731	2.172	0.651	0.179	0.055
15	LYNWOOD	140	23.214	13.200	8.412	2.007	0.612	0.178	0.055
15	LYNWOOD	150	23.076	13.040	8.173	1.922	0.591	0.177	0.055
15	LYNWOOD	160	22.985	13.081	8.249	1.931	0.584	0.177	0.055
15	LYNWOOD	170	22.715	12.857	8.201	1.858	0.552	0.177	0.055
15	LYNWOOD	180	21.391	11.881	7.479	1.607	0.497	0.176	0.055
15	LYNWOOD	190	19.215	10.505	6.552	1.451	0.495	0.176	0.055
15	LYNWOOD	200	17.097	9.422	5.822	1.413	0.504	0.176	0.055
15	LYNWOOD	210	15.667	8.611	5.397	1.386	0.507	0.177	0.055
15	LYNWOOD	220	14.627	8.009	5.012	1.306	0.497	0.177	0.055
15	LYNWOOD	230	13.769	7.483	4.644	1.231	0.484	0.176	0.055
15	LYNWOOD	240	13.078	7.009	4.344	1.175	0.476	0.176	0.055
15	LYNWOOD	250	12.563	6.655	4.105	1.118	0.466	0.176	0.055
15	LYNWOOD	260	12.408	6.497	3.993	1.088	0.460	0.176	0.055
15	LYNWOOD	270	12.466	6.558	4.048	1.109	0.463	0.176	0.055
15	LYNWOOD	280	12.627	6.673	4.135	1.135	0.468	0.176	0.055
15	LYNWOOD	290	12.730	6.739	4.188	1.153	0.473	0.177	0.055
15	LYNWOOD	300	12.861	6.771	4.197	1.145	0.471	0.177	0.055
15	LYNWOOD	310	13.123	6.896	4.267	1.154	0.473	0.177	0.055
15	LYNWOOD	320	13.414	7.103	4.436	1.203	0.484	0.177	0.055
15	LYNWOOD	330	13.448	7.223	4.524	1.231	0.488	0.178	0.055
15	LYNWOOD	340	13.061	7.029	4.362	1.167	0.473	0.178	0.055
15	LYNWOOD	350	12.374	6.650	4.101	1.078	0.455	0.179	0.056
15	LYNWOOD	360	11.717	6.315	3.888	1.017	0.445	0.180	0.056

Table 4: Annual Receptor Proximity Adjustment Factors [$(\mu\text{g}/\text{m}^3)/(\text{tons}/\text{yr})$]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
16	MISSION VIEJO	10	18.386	10.187	6.515	1.554	0.536	0.187	0.057
16	MISSION VIEJO	20	16.941	9.578	6.078	1.530	0.544	0.186	0.057
16	MISSION VIEJO	30	15.903	8.971	5.694	1.480	0.537	0.184	0.056
16	MISSION VIEJO	40	15.075	8.506	5.416	1.432	0.530	0.181	0.055
16	MISSION VIEJO	50	14.418	8.132	5.147	1.382	0.519	0.179	0.055
16	MISSION VIEJO	60	14.017	7.783	4.914	1.320	0.505	0.177	0.054
16	MISSION VIEJO	70	13.983	7.638	4.819	1.298	0.500	0.176	0.054
16	MISSION VIEJO	80	14.589	7.852	4.927	1.327	0.506	0.177	0.054
16	MISSION VIEJO	90	15.689	8.395	5.258	1.399	0.514	0.178	0.054
16	MISSION VIEJO	100	17.028	9.140	5.726	1.518	0.542	0.180	0.055
16	MISSION VIEJO	110	17.950	9.826	6.224	1.634	0.565	0.182	0.056
16	MISSION VIEJO	120	17.790	9.985	6.426	1.727	0.586	0.182	0.056
16	MISSION VIEJO	130	16.095	9.010	5.781	1.569	0.556	0.180	0.055
16	MISSION VIEJO	140	13.378	7.231	4.516	1.208	0.482	0.176	0.054
16	MISSION VIEJO	150	10.674	5.726	3.543	0.995	0.440	0.172	0.053
16	MISSION VIEJO	160	8.833	4.899	3.081	0.894	0.418	0.169	0.052
16	MISSION VIEJO	170	7.941	4.515	2.877	0.852	0.408	0.168	0.052
16	MISSION VIEJO	180	7.925	4.464	2.833	0.836	0.404	0.168	0.052
16	MISSION VIEJO	190	9.082	4.983	3.107	0.878	0.409	0.168	0.052
16	MISSION VIEJO	200	11.513	6.423	4.054	1.097	0.446	0.169	0.052
16	MISSION VIEJO	210	14.648	8.457	5.486	1.501	0.522	0.170	0.053
16	MISSION VIEJO	220	17.303	10.106	6.663	1.798	0.580	0.171	0.053
16	MISSION VIEJO	230	18.596	10.822	7.089	1.895	0.598	0.172	0.053
16	MISSION VIEJO	240	18.916	10.852	7.069	1.875	0.595	0.172	0.053
16	MISSION VIEJO	250	19.058	10.879	7.080	1.872	0.594	0.172	0.053
16	MISSION VIEJO	260	19.577	11.211	7.303	1.939	0.607	0.173	0.053
16	MISSION VIEJO	270	20.011	11.484	7.497	1.979	0.604	0.173	0.053
16	MISSION VIEJO	280	20.080	11.526	7.511	1.990	0.614	0.174	0.054
16	MISSION VIEJO	290	19.919	11.463	7.479	1.976	0.615	0.175	0.054
16	MISSION VIEJO	300	20.017	11.623	7.591	2.004	0.625	0.177	0.054
16	MISSION VIEJO	310	20.343	11.878	7.784	2.064	0.639	0.179	0.055
16	MISSION VIEJO	320	20.503	11.869	7.782	2.031	0.638	0.181	0.055
16	MISSION VIEJO	330	20.359	11.745	7.599	1.965	0.622	0.183	0.056
16	MISSION VIEJO	340	20.128	11.500	7.406	1.864	0.596	0.185	0.057
16	MISSION VIEJO	350	20.074	11.204	7.202	1.731	0.558	0.186	0.057
16	MISSION VIEJO	360	19.569	10.774	6.883	1.580	0.521	0.187	0.057

Table 4: Annual Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(tons/yr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
17	PALM SPRINGS	10	10.196	5.257	3.197	0.813	0.339	0.132	0.041
17	PALM SPRINGS	20	10.090	5.297	3.233	0.843	0.346	0.132	0.041
17	PALM SPRINGS	30	10.084	5.385	3.333	0.888	0.356	0.131	0.041
17	PALM SPRINGS	40	10.042	5.507	3.444	0.913	0.360	0.131	0.041
17	PALM SPRINGS	50	9.936	5.634	3.544	0.945	0.366	0.131	0.041
17	PALM SPRINGS	60	10.020	5.769	3.652	0.970	0.370	0.131	0.040
17	PALM SPRINGS	70	10.348	6.002	3.822	1.012	0.378	0.131	0.040
17	PALM SPRINGS	80	11.091	6.381	4.083	1.073	0.389	0.132	0.041
17	PALM SPRINGS	90	12.418	7.016	4.492	1.172	0.405	0.134	0.041
17	PALM SPRINGS	100	14.906	8.195	5.202	1.337	0.442	0.138	0.042
17	PALM SPRINGS	110	18.957	10.260	6.493	1.615	0.497	0.144	0.044
17	PALM SPRINGS	120	23.644	13.256	8.460	2.048	0.583	0.150	0.046
17	PALM SPRINGS	130	27.459	15.731	10.228	2.557	0.684	0.155	0.048
17	PALM SPRINGS	140	28.872	16.537	10.819	2.629	0.695	0.156	0.048
17	PALM SPRINGS	150	27.466	15.513	9.945	2.442	0.654	0.153	0.046
17	PALM SPRINGS	160	24.094	13.381	8.564	2.032	0.559	0.148	0.045
17	PALM SPRINGS	170	20.652	11.344	7.241	1.627	0.466	0.144	0.044
17	PALM SPRINGS	180	17.408	9.610	6.117	1.322	0.402	0.140	0.043
17	PALM SPRINGS	190	14.317	8.056	5.196	1.202	0.400	0.137	0.042
17	PALM SPRINGS	200	11.588	6.792	4.343	1.086	0.389	0.134	0.041
17	PALM SPRINGS	210	9.847	5.733	3.632	0.947	0.367	0.132	0.041
17	PALM SPRINGS	220	8.823	5.004	3.115	0.829	0.346	0.131	0.040
17	PALM SPRINGS	230	8.338	4.596	2.833	0.782	0.338	0.130	0.040
17	PALM SPRINGS	240	8.182	4.375	2.679	0.747	0.331	0.130	0.040
17	PALM SPRINGS	250	8.212	4.283	2.609	0.731	0.329	0.130	0.040
17	PALM SPRINGS	260	8.389	4.308	2.614	0.731	0.329	0.130	0.040
17	PALM SPRINGS	270	8.641	4.396	2.659	0.740	0.331	0.131	0.041
17	PALM SPRINGS	280	8.948	4.521	2.718	0.748	0.334	0.132	0.041
17	PALM SPRINGS	290	9.291	4.680	2.818	0.767	0.339	0.133	0.041
17	PALM SPRINGS	300	9.646	4.872	2.935	0.791	0.345	0.134	0.041
17	PALM SPRINGS	310	9.969	5.051	3.051	0.816	0.350	0.135	0.042
17	PALM SPRINGS	320	10.158	5.153	3.127	0.833	0.354	0.135	0.042
17	PALM SPRINGS	330	10.212	5.175	3.118	0.825	0.351	0.135	0.042
17	PALM SPRINGS	340	10.217	5.194	3.124	0.812	0.346	0.134	0.042
17	PALM SPRINGS	350	10.292	5.234	3.163	0.807	0.341	0.134	0.041
17	PALM SPRINGS	360	10.282	5.254	3.186	0.797	0.335	0.133	0.041

Table 4: Annual Receptor Proximity Adjustment Factors [$(\mu\text{g}/\text{m}^3)/(\text{tons}/\text{yr})$]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
18	PERRIS	10	20.513	11.346	7.300	1.724	0.560	0.190	0.059
18	PERRIS	20	18.521	10.609	6.832	1.736	0.577	0.187	0.058
18	PERRIS	30	16.880	9.771	6.351	1.689	0.576	0.185	0.057
18	PERRIS	40	15.090	8.659	5.577	1.489	0.541	0.183	0.057
18	PERRIS	50	13.316	7.589	4.821	1.322	0.509	0.180	0.056
18	PERRIS	60	11.997	6.822	4.330	1.205	0.486	0.178	0.056
18	PERRIS	70	11.327	6.435	4.107	1.163	0.478	0.177	0.055
18	PERRIS	80	11.178	6.332	4.038	1.140	0.472	0.177	0.055
18	PERRIS	90	11.498	6.451	4.111	1.161	0.476	0.178	0.055
18	PERRIS	100	12.458	6.913	4.398	1.234	0.497	0.182	0.056
18	PERRIS	110	14.214	7.846	5.000	1.384	0.535	0.189	0.058
18	PERRIS	120	16.730	9.292	5.948	1.621	0.595	0.201	0.062
18	PERRIS	130	19.627	11.026	7.107	1.934	0.673	0.214	0.066
18	PERRIS	140	21.819	12.395	8.111	2.187	0.740	0.227	0.070
18	PERRIS	150	22.323	12.837	8.366	2.263	0.754	0.233	0.072
18	PERRIS	160	21.045	11.922	7.711	2.041	0.698	0.229	0.071
18	PERRIS	170	18.887	10.334	6.608	1.689	0.608	0.218	0.067
18	PERRIS	180	16.547	9.035	5.806	1.462	0.545	0.207	0.064
18	PERRIS	190	14.588	8.112	5.247	1.366	0.529	0.197	0.061
18	PERRIS	200	13.253	7.556	4.842	1.308	0.518	0.191	0.059
18	PERRIS	210	12.712	7.238	4.626	1.281	0.511	0.187	0.058
18	PERRIS	220	12.590	7.109	4.521	1.254	0.507	0.186	0.058
18	PERRIS	230	12.643	7.119	4.510	1.254	0.504	0.185	0.058
18	PERRIS	240	12.821	7.157	4.534	1.264	0.505	0.183	0.057
18	PERRIS	250	13.014	7.222	4.565	1.261	0.500	0.181	0.056
18	PERRIS	260	13.322	7.386	4.678	1.293	0.502	0.179	0.056
18	PERRIS	270	13.565	7.524	4.772	1.310	0.498	0.177	0.055
18	PERRIS	280	13.780	7.622	4.833	1.328	0.504	0.177	0.055
18	PERRIS	290	14.149	7.823	4.962	1.349	0.509	0.178	0.055
18	PERRIS	300	15.045	8.388	5.339	1.442	0.529	0.179	0.056
18	PERRIS	310	16.624	9.366	5.997	1.607	0.563	0.183	0.057
18	PERRIS	320	18.669	10.589	6.867	1.809	0.608	0.187	0.058
18	PERRIS	330	20.732	11.912	7.718	2.011	0.646	0.193	0.060
18	PERRIS	340	22.396	12.840	8.308	2.097	0.652	0.197	0.062
18	PERRIS	350	23.164	13.074	8.485	2.029	0.616	0.198	0.062
18	PERRIS	360	22.378	12.424	7.984	1.816	0.557	0.194	0.061

Table 4: Annual Receptor Proximity Adjustment Factors [$(\mu\text{g}/\text{m}^3)/(\text{tons}/\text{yr})$]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
19	PICO RIVERA	10	20.385	11.074	7.021	1.596	0.501	0.164	0.049
19	PICO RIVERA	20	20.998	11.879	7.586	1.831	0.560	0.166	0.050
19	PICO RIVERA	30	20.935	11.831	7.652	1.923	0.585	0.167	0.050
19	PICO RIVERA	40	19.671	10.950	7.043	1.752	0.556	0.164	0.049
19	PICO RIVERA	50	17.372	9.728	6.193	1.597	0.525	0.160	0.048
19	PICO RIVERA	60	14.778	8.246	5.252	1.378	0.480	0.154	0.047
19	PICO RIVERA	70	12.370	6.792	4.289	1.136	0.427	0.149	0.045
19	PICO RIVERA	80	10.558	5.759	3.616	0.989	0.396	0.145	0.044
19	PICO RIVERA	90	9.457	5.233	3.302	0.915	0.377	0.142	0.044
19	PICO RIVERA	100	9.018	5.041	3.191	0.894	0.373	0.141	0.044
19	PICO RIVERA	110	8.956	5.013	3.180	0.896	0.374	0.141	0.044
19	PICO RIVERA	120	9.062	5.050	3.186	0.894	0.374	0.141	0.044
19	PICO RIVERA	130	9.201	5.130	3.231	0.901	0.374	0.140	0.044
19	PICO RIVERA	140	9.210	5.189	3.296	0.921	0.378	0.140	0.043
19	PICO RIVERA	150	8.889	5.090	3.243	0.919	0.377	0.140	0.043
19	PICO RIVERA	160	8.208	4.680	2.983	0.844	0.361	0.140	0.043
19	PICO RIVERA	170	7.438	4.128	2.618	0.747	0.343	0.139	0.043
19	PICO RIVERA	180	7.251	3.852	2.420	0.704	0.336	0.139	0.043
19	PICO RIVERA	190	8.792	4.502	2.738	0.743	0.341	0.140	0.043
19	PICO RIVERA	200	11.912	6.510	4.093	1.049	0.391	0.141	0.044
19	PICO RIVERA	210	15.189	8.861	5.845	1.596	0.497	0.142	0.044
19	PICO RIVERA	220	16.838	9.838	6.519	1.726	0.524	0.143	0.044
19	PICO RIVERA	230	16.278	9.230	5.963	1.555	0.490	0.143	0.044
19	PICO RIVERA	240	14.645	8.103	5.172	1.350	0.455	0.143	0.044
19	PICO RIVERA	250	13.122	7.276	4.656	1.232	0.435	0.142	0.044
19	PICO RIVERA	260	12.228	6.862	4.393	1.178	0.424	0.142	0.044
19	PICO RIVERA	270	11.678	6.624	4.256	1.148	0.414	0.141	0.044
19	PICO RIVERA	280	11.350	6.453	4.126	1.111	0.410	0.142	0.044
19	PICO RIVERA	290	11.266	6.469	4.144	1.110	0.411	0.142	0.044
19	PICO RIVERA	300	11.633	6.749	4.331	1.164	0.425	0.143	0.044
19	PICO RIVERA	310	12.494	7.219	4.616	1.223	0.437	0.145	0.044
19	PICO RIVERA	320	13.787	7.877	5.065	1.308	0.456	0.148	0.045
19	PICO RIVERA	330	15.298	8.881	5.684	1.445	0.480	0.151	0.046
19	PICO RIVERA	340	16.671	9.682	6.249	1.555	0.498	0.155	0.047
19	PICO RIVERA	350	18.108	10.033	6.427	1.503	0.477	0.158	0.048
19	PICO RIVERA	360	19.335	10.299	6.493	1.419	0.454	0.161	0.049

Table 4: Annual Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(tons/yr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
20	POMONA	10	10.875	5.934	3.654	0.989	0.445	0.179	0.055
20	POMONA	20	12.085	6.544	4.013	1.068	0.463	0.181	0.056
20	POMONA	30	14.205	7.650	4.680	1.203	0.489	0.185	0.057
20	POMONA	40	17.061	9.331	5.842	1.475	0.543	0.189	0.058
20	POMONA	50	20.428	11.239	7.114	1.802	0.608	0.193	0.059
20	POMONA	60	24.543	13.212	8.249	2.014	0.644	0.194	0.059
20	POMONA	70	29.351	15.757	9.774	2.291	0.689	0.194	0.059
20	POMONA	80	34.602	19.181	12.091	2.851	0.774	0.193	0.058
20	POMONA	90	36.703	21.149	13.796	3.515	0.890	0.191	0.058
20	POMONA	100	33.118	18.924	12.211	3.031	0.807	0.189	0.057
20	POMONA	110	25.625	14.038	8.761	2.035	0.618	0.184	0.056
20	POMONA	120	18.903	10.235	6.288	1.527	0.538	0.181	0.056
20	POMONA	130	14.884	8.403	5.273	1.354	0.508	0.179	0.055
20	POMONA	140	13.372	7.736	4.905	1.275	0.494	0.177	0.055
20	POMONA	150	13.540	7.810	4.878	1.251	0.485	0.177	0.055
20	POMONA	160	15.133	8.613	5.280	1.284	0.485	0.176	0.055
20	POMONA	170	17.946	10.149	6.330	1.412	0.487	0.176	0.055
20	POMONA	180	20.482	11.706	7.478	1.645	0.505	0.176	0.055
20	POMONA	190	21.870	12.359	7.839	1.742	0.533	0.176	0.055
20	POMONA	200	21.798	12.143	7.566	1.748	0.552	0.176	0.055
20	POMONA	210	21.288	11.701	7.349	1.777	0.566	0.177	0.055
20	POMONA	220	20.627	11.338	7.166	1.767	0.573	0.177	0.055
20	POMONA	230	19.780	10.932	6.889	1.718	0.564	0.177	0.055
20	POMONA	240	18.784	10.310	6.484	1.643	0.555	0.177	0.055
20	POMONA	250	17.484	9.492	5.931	1.513	0.532	0.177	0.055
20	POMONA	260	16.096	8.595	5.317	1.365	0.506	0.177	0.055
20	POMONA	270	14.677	7.795	4.799	1.248	0.483	0.177	0.055
20	POMONA	280	13.456	7.126	4.383	1.164	0.473	0.177	0.055
20	POMONA	290	12.485	6.599	4.059	1.095	0.462	0.177	0.055
20	POMONA	300	11.795	6.209	3.806	1.040	0.453	0.177	0.055
20	POMONA	310	11.315	5.952	3.644	1.008	0.448	0.177	0.055
20	POMONA	320	10.960	5.764	3.528	0.982	0.444	0.177	0.055
20	POMONA	330	10.650	5.619	3.426	0.961	0.440	0.177	0.055
20	POMONA	340	10.428	5.510	3.353	0.939	0.436	0.177	0.055
20	POMONA	350	10.319	5.482	3.337	0.922	0.432	0.177	0.055
20	POMONA	360	10.443	5.596	3.427	0.932	0.433	0.178	0.055

Table 4: Annual Receptor Proximity Adjustment Factors [$(\mu\text{g}/\text{m}^3)/(\text{tons}/\text{yr})$]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
21	REDLANDS	10	10.352	5.911	3.679	1.029	0.476	0.194	0.061
21	REDLANDS	20	10.722	5.996	3.710	1.047	0.481	0.194	0.061
21	REDLANDS	30	11.054	6.131	3.807	1.079	0.488	0.195	0.061
21	REDLANDS	40	11.461	6.296	3.919	1.107	0.496	0.196	0.061
21	REDLANDS	50	12.176	6.588	4.090	1.139	0.504	0.197	0.061
21	REDLANDS	60	13.700	7.213	4.469	1.229	0.525	0.201	0.062
21	REDLANDS	70	16.229	8.507	5.257	1.395	0.562	0.207	0.064
21	REDLANDS	80	20.004	10.486	6.503	1.708	0.627	0.214	0.066
21	REDLANDS	90	23.706	12.582	7.827	2.006	0.675	0.219	0.067
21	REDLANDS	100	26.177	14.095	8.834	2.266	0.730	0.220	0.067
21	REDLANDS	110	26.170	14.324	9.147	2.381	0.752	0.218	0.067
21	REDLANDS	120	23.761	12.933	8.189	2.123	0.699	0.212	0.065
21	REDLANDS	130	20.147	10.749	6.715	1.736	0.619	0.205	0.063
21	REDLANDS	140	16.764	8.827	5.491	1.446	0.560	0.200	0.062
21	REDLANDS	150	14.170	7.489	4.628	1.254	0.522	0.197	0.061
21	REDLANDS	160	12.508	6.674	4.116	1.128	0.494	0.195	0.061
21	REDLANDS	170	11.533	6.231	3.856	1.067	0.481	0.194	0.061
21	REDLANDS	180	10.896	5.988	3.711	1.029	0.472	0.193	0.060
21	REDLANDS	190	10.260	5.835	3.623	1.017	0.472	0.193	0.060
21	REDLANDS	200	9.788	5.801	3.613	1.027	0.475	0.193	0.060
21	REDLANDS	210	9.616	5.860	3.704	1.062	0.483	0.193	0.060
21	REDLANDS	220	9.878	6.059	3.877	1.097	0.488	0.193	0.060
21	REDLANDS	230	11.017	6.593	4.269	1.188	0.505	0.193	0.060
21	REDLANDS	240	14.360	8.034	5.155	1.385	0.536	0.194	0.060
21	REDLANDS	250	21.481	11.603	7.234	1.802	0.608	0.194	0.060
21	REDLANDS	260	33.700	18.512	11.626	2.709	0.748	0.195	0.060
21	REDLANDS	270	47.182	27.361	17.897	4.459	1.049	0.196	0.061
21	REDLANDS	280	53.339	31.740	21.147	5.486	1.278	0.199	0.061
21	REDLANDS	290	48.002	27.934	18.269	4.498	1.074	0.197	0.061
21	REDLANDS	300	36.684	20.546	13.132	3.180	0.845	0.196	0.061
21	REDLANDS	310	25.794	14.223	9.066	2.262	0.689	0.195	0.061
21	REDLANDS	320	18.157	10.027	6.408	1.641	0.580	0.194	0.061
21	REDLANDS	330	13.629	7.759	4.959	1.332	0.528	0.194	0.061
21	REDLANDS	340	11.368	6.676	4.268	1.178	0.501	0.194	0.061
21	REDLANDS	350	10.437	6.179	3.920	1.083	0.483	0.194	0.061
21	REDLANDS	360	10.159	5.957	3.741	1.035	0.474	0.194	0.061

Table 4: Annual Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(tons/yr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
22	RESEDA	10	15.155	8.300	5.143	1.233	0.477	0.180	0.056
22	RESEDA	20	15.207	8.332	5.132	1.281	0.490	0.180	0.056
22	RESEDA	30	15.994	8.720	5.431	1.380	0.510	0.180	0.056
22	RESEDA	40	17.376	9.521	5.984	1.512	0.535	0.180	0.056
22	RESEDA	50	19.095	10.570	6.662	1.683	0.566	0.180	0.056
22	RESEDA	60	20.733	11.500	7.283	1.841	0.594	0.180	0.056
22	RESEDA	70	21.668	11.998	7.606	1.910	0.608	0.180	0.056
22	RESEDA	80	21.736	11.921	7.504	1.886	0.599	0.180	0.056
22	RESEDA	90	20.911	11.377	7.130	1.794	0.577	0.180	0.056
22	RESEDA	100	19.726	10.682	6.658	1.658	0.555	0.180	0.056
22	RESEDA	110	18.415	10.085	6.336	1.603	0.551	0.180	0.056
22	RESEDA	120	17.128	9.451	5.956	1.542	0.544	0.180	0.056
22	RESEDA	130	15.877	8.728	5.477	1.421	0.521	0.180	0.056
22	RESEDA	140	14.938	8.067	5.022	1.291	0.498	0.179	0.056
22	RESEDA	150	14.486	7.772	4.790	1.240	0.489	0.180	0.056
22	RESEDA	160	14.575	7.820	4.815	1.235	0.487	0.181	0.056
22	RESEDA	170	14.868	7.965	4.949	1.238	0.481	0.182	0.056
22	RESEDA	180	14.682	7.881	4.862	1.175	0.465	0.182	0.056
22	RESEDA	190	13.902	7.432	4.580	1.136	0.466	0.181	0.056
22	RESEDA	200	12.857	7.073	4.358	1.139	0.471	0.180	0.056
22	RESEDA	210	12.300	6.867	4.285	1.148	0.473	0.179	0.055
22	RESEDA	220	12.380	6.866	4.287	1.143	0.473	0.178	0.055
22	RESEDA	230	13.340	7.247	4.481	1.170	0.476	0.178	0.055
22	RESEDA	240	15.913	8.447	5.172	1.305	0.497	0.179	0.055
22	RESEDA	250	20.108	10.823	6.678	1.634	0.557	0.180	0.056
22	RESEDA	260	25.519	13.953	8.733	2.103	0.634	0.182	0.056
22	RESEDA	270	29.727	16.555	10.514	2.583	0.711	0.183	0.056
22	RESEDA	280	30.994	17.307	10.988	2.685	0.736	0.184	0.057
22	RESEDA	290	29.144	16.111	10.197	2.467	0.703	0.184	0.057
22	RESEDA	300	25.744	13.971	8.712	2.090	0.635	0.183	0.056
22	RESEDA	310	22.257	11.966	7.409	1.782	0.581	0.182	0.056
22	RESEDA	320	19.572	10.551	6.574	1.606	0.554	0.182	0.056
22	RESEDA	330	17.773	9.768	6.068	1.507	0.534	0.181	0.056
22	RESEDA	340	16.680	9.300	5.782	1.422	0.514	0.181	0.056
22	RESEDA	350	16.061	8.945	5.586	1.339	0.491	0.181	0.056
22	RESEDA	360	15.541	8.574	5.326	1.243	0.469	0.180	0.056

Table 4: Annual Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(tons/yr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
23	RIVERSIDE	10	12.314	6.762	4.264	1.101	0.438	0.167	0.052
23	RIVERSIDE	20	12.132	6.760	4.258	1.132	0.450	0.167	0.052
23	RIVERSIDE	30	12.180	6.832	4.321	1.172	0.461	0.168	0.052
23	RIVERSIDE	40	12.587	7.154	4.562	1.234	0.476	0.169	0.052
23	RIVERSIDE	50	13.350	7.692	4.941	1.345	0.501	0.172	0.053
23	RIVERSIDE	60	14.490	8.297	5.340	1.441	0.523	0.175	0.054
23	RIVERSIDE	70	16.067	9.072	5.839	1.561	0.552	0.179	0.055
23	RIVERSIDE	80	18.557	10.244	6.525	1.726	0.590	0.185	0.056
23	RIVERSIDE	90	21.481	11.782	7.478	1.952	0.631	0.193	0.058
23	RIVERSIDE	100	23.989	13.292	8.441	2.177	0.688	0.201	0.061
23	RIVERSIDE	110	25.109	14.170	9.162	2.376	0.728	0.205	0.062
23	RIVERSIDE	120	24.663	14.010	9.079	2.372	0.730	0.201	0.061
23	RIVERSIDE	130	23.091	12.970	8.329	2.143	0.670	0.191	0.058
23	RIVERSIDE	140	21.274	11.944	7.717	1.979	0.627	0.182	0.055
23	RIVERSIDE	150	19.801	11.418	7.435	1.943	0.610	0.175	0.054
23	RIVERSIDE	160	18.621	10.855	7.056	1.770	0.560	0.172	0.053
23	RIVERSIDE	170	17.486	10.007	6.501	1.591	0.515	0.173	0.053
23	RIVERSIDE	180	16.267	9.153	5.853	1.368	0.473	0.175	0.054
23	RIVERSIDE	190	15.059	8.604	5.517	1.349	0.487	0.177	0.055
23	RIVERSIDE	200	14.047	8.170	5.243	1.361	0.501	0.177	0.055
23	RIVERSIDE	210	13.397	7.693	4.928	1.315	0.495	0.175	0.054
23	RIVERSIDE	220	13.093	7.420	4.737	1.274	0.487	0.172	0.053
23	RIVERSIDE	230	13.210	7.479	4.774	1.299	0.489	0.170	0.053
23	RIVERSIDE	240	13.897	7.763	4.941	1.337	0.495	0.169	0.052
23	RIVERSIDE	250	14.911	8.260	5.248	1.404	0.506	0.169	0.053
23	RIVERSIDE	260	16.052	8.882	5.646	1.501	0.522	0.170	0.053
23	RIVERSIDE	270	16.635	9.239	5.899	1.574	0.530	0.169	0.053
23	RIVERSIDE	280	16.299	9.011	5.734	1.526	0.525	0.169	0.052
23	RIVERSIDE	290	15.268	8.391	5.324	1.416	0.505	0.168	0.052
23	RIVERSIDE	300	14.182	7.760	4.908	1.314	0.488	0.167	0.052
23	RIVERSIDE	310	13.373	7.328	4.624	1.243	0.474	0.167	0.052
23	RIVERSIDE	320	12.888	7.078	4.482	1.214	0.470	0.167	0.052
23	RIVERSIDE	330	12.571	6.943	4.372	1.181	0.462	0.167	0.052
23	RIVERSIDE	340	12.402	6.816	4.276	1.138	0.450	0.167	0.052
23	RIVERSIDE	350	12.403	6.760	4.246	1.099	0.437	0.167	0.052
23	RIVERSIDE	360	12.411	6.760	4.250	1.070	0.426	0.167	0.052

Table 4: Annual Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(tons/yr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
24	SAN BERNARDINO	10	20.304	11.167	7.131	1.706	0.553	0.186	0.057
24	SAN BERNARDINO	20	24.709	13.866	8.897	2.224	0.674	0.198	0.061
24	SAN BERNARDINO	30	27.723	15.713	10.197	2.616	0.767	0.211	0.065
24	SAN BERNARDINO	40	28.099	15.909	10.417	2.713	0.813	0.219	0.068
24	SAN BERNARDINO	50	25.463	14.229	9.124	2.369	0.750	0.219	0.068
24	SAN BERNARDINO	60	21.256	11.522	7.284	1.896	0.656	0.211	0.065
24	SAN BERNARDINO	70	17.061	9.077	5.694	1.508	0.571	0.200	0.061
24	SAN BERNARDINO	80	13.964	7.430	4.635	1.262	0.512	0.188	0.058
24	SAN BERNARDINO	90	12.010	6.522	4.098	1.137	0.475	0.180	0.055
24	SAN BERNARDINO	100	11.066	6.107	3.836	1.075	0.458	0.175	0.054
24	SAN BERNARDINO	110	10.782	6.029	3.791	1.059	0.453	0.174	0.054
24	SAN BERNARDINO	120	10.874	6.138	3.853	1.076	0.456	0.174	0.054
24	SAN BERNARDINO	130	11.155	6.294	3.951	1.101	0.460	0.174	0.054
24	SAN BERNARDINO	140	11.409	6.391	4.025	1.111	0.461	0.174	0.054
24	SAN BERNARDINO	150	11.623	6.494	4.076	1.116	0.459	0.173	0.054
24	SAN BERNARDINO	160	12.203	6.747	4.233	1.131	0.457	0.172	0.054
24	SAN BERNARDINO	170	13.545	7.360	4.629	1.159	0.451	0.172	0.054
24	SAN BERNARDINO	180	15.606	8.466	5.331	1.253	0.452	0.171	0.054
24	SAN BERNARDINO	190	17.793	9.879	6.315	1.498	0.495	0.171	0.054
24	SAN BERNARDINO	200	19.364	11.006	7.093	1.772	0.555	0.171	0.053
24	SAN BERNARDINO	210	20.099	11.393	7.364	1.881	0.583	0.171	0.053
24	SAN BERNARDINO	220	19.962	11.209	7.226	1.833	0.577	0.171	0.053
24	SAN BERNARDINO	230	19.216	10.807	6.937	1.798	0.575	0.171	0.053
24	SAN BERNARDINO	240	18.301	10.241	6.565	1.711	0.560	0.170	0.053
24	SAN BERNARDINO	250	17.305	9.599	6.123	1.600	0.540	0.170	0.053
24	SAN BERNARDINO	260	16.428	9.036	5.722	1.499	0.521	0.169	0.053
24	SAN BERNARDINO	270	15.684	8.650	5.476	1.444	0.506	0.169	0.053
24	SAN BERNARDINO	280	15.006	8.341	5.298	1.412	0.505	0.169	0.053
24	SAN BERNARDINO	290	14.193	7.955	5.061	1.357	0.496	0.169	0.053
24	SAN BERNARDINO	300	13.318	7.513	4.762	1.285	0.485	0.169	0.053
24	SAN BERNARDINO	310	12.430	7.093	4.481	1.210	0.471	0.169	0.053
24	SAN BERNARDINO	320	11.701	6.755	4.279	1.161	0.464	0.170	0.053
24	SAN BERNARDINO	330	11.282	6.567	4.168	1.132	0.457	0.170	0.053
24	SAN BERNARDINO	340	11.463	6.569	4.162	1.112	0.452	0.171	0.053
24	SAN BERNARDINO	350	12.891	7.087	4.488	1.129	0.451	0.173	0.054
24	SAN BERNARDINO	360	15.931	8.579	5.450	1.289	0.471	0.178	0.055

Table 4: Annual Receptor Proximity Adjustment Factors [$(\mu\text{g}/\text{m}^3)/(\text{tons}/\text{yr})$]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
25	SANTA CLARITA	10	13.276	7.471	4.828	1.209	0.467	0.175	0.053
25	SANTA CLARITA	20	11.086	6.517	4.165	1.105	0.444	0.166	0.051
25	SANTA CLARITA	30	9.979	5.837	3.739	1.030	0.423	0.159	0.049
25	SANTA CLARITA	40	9.376	5.400	3.441	0.961	0.406	0.154	0.047
25	SANTA CLARITA	50	9.051	5.103	3.207	0.908	0.391	0.151	0.047
25	SANTA CLARITA	60	8.851	4.900	3.077	0.882	0.385	0.149	0.046
25	SANTA CLARITA	70	8.818	4.795	3.002	0.858	0.378	0.148	0.046
25	SANTA CLARITA	80	8.937	4.815	3.008	0.860	0.377	0.147	0.046
25	SANTA CLARITA	90	9.105	4.922	3.085	0.879	0.379	0.147	0.046
25	SANTA CLARITA	100	9.266	4.998	3.134	0.896	0.384	0.148	0.046
25	SANTA CLARITA	110	9.426	5.078	3.190	0.904	0.387	0.149	0.046
25	SANTA CLARITA	120	9.783	5.263	3.300	0.932	0.396	0.151	0.047
25	SANTA CLARITA	130	10.403	5.619	3.514	0.976	0.406	0.153	0.047
25	SANTA CLARITA	140	11.099	6.041	3.833	1.052	0.425	0.156	0.048
25	SANTA CLARITA	150	11.579	6.407	4.068	1.116	0.435	0.157	0.049
25	SANTA CLARITA	160	11.762	6.477	4.089	1.096	0.428	0.157	0.049
25	SANTA CLARITA	170	11.894	6.430	4.047	1.041	0.410	0.156	0.048
25	SANTA CLARITA	180	11.762	6.354	4.033	1.021	0.399	0.155	0.048
25	SANTA CLARITA	190	11.393	6.231	3.949	1.018	0.404	0.154	0.048
25	SANTA CLARITA	200	10.849	6.103	3.856	1.037	0.414	0.154	0.048
25	SANTA CLARITA	210	10.361	5.936	3.789	1.042	0.416	0.154	0.048
25	SANTA CLARITA	220	9.901	5.745	3.681	1.011	0.412	0.153	0.047
25	SANTA CLARITA	230	9.516	5.635	3.605	0.993	0.407	0.152	0.047
25	SANTA CLARITA	240	9.679	5.738	3.706	1.025	0.410	0.150	0.046
25	SANTA CLARITA	250	10.466	6.193	4.029	1.106	0.422	0.148	0.046
25	SANTA CLARITA	260	12.292	7.106	4.602	1.235	0.440	0.147	0.045
25	SANTA CLARITA	270	15.198	8.661	5.594	1.459	0.470	0.146	0.045
25	SANTA CLARITA	280	18.911	10.822	7.025	1.829	0.543	0.147	0.045
25	SANTA CLARITA	290	22.378	13.025	8.558	2.205	0.611	0.148	0.046
25	SANTA CLARITA	300	24.625	14.555	9.649	2.507	0.675	0.150	0.046
25	SANTA CLARITA	310	25.111	14.797	9.821	2.553	0.689	0.155	0.047
25	SANTA CLARITA	320	24.011	13.859	9.143	2.324	0.658	0.162	0.049
25	SANTA CLARITA	330	22.085	12.617	8.173	2.079	0.625	0.173	0.053
25	SANTA CLARITA	340	20.017	11.364	7.301	1.801	0.578	0.183	0.056
25	SANTA CLARITA	350	18.231	10.117	6.479	1.568	0.533	0.187	0.057
25	SANTA CLARITA	360	15.925	8.837	5.625	1.339	0.485	0.183	0.056

Table 4: Annual Receptor Proximity Adjustment Factors [$(\mu\text{g}/\text{m}^3)/(\text{tons}/\text{yr})$]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
26	UPLAND	10	9.580	5.240	3.249	0.896	0.410	0.166	0.051
26	UPLAND	20	10.240	5.631	3.507	0.965	0.427	0.168	0.052
26	UPLAND	30	11.686	6.349	3.973	1.084	0.455	0.173	0.053
26	UPLAND	40	14.153	7.650	4.831	1.288	0.505	0.181	0.055
26	UPLAND	50	17.635	9.593	6.081	1.604	0.578	0.192	0.058
26	UPLAND	60	22.014	11.996	7.599	1.974	0.660	0.204	0.062
26	UPLAND	70	26.410	14.672	9.369	2.382	0.743	0.212	0.064
26	UPLAND	80	29.484	16.884	10.921	2.816	0.816	0.210	0.064
26	UPLAND	90	28.509	16.533	10.806	2.864	0.800	0.200	0.060
26	UPLAND	100	23.029	13.025	8.363	2.154	0.658	0.185	0.056
26	UPLAND	110	16.642	9.454	6.080	1.591	0.543	0.173	0.053
26	UPLAND	120	12.986	7.687	5.031	1.367	0.497	0.166	0.051
26	UPLAND	130	12.303	7.324	4.794	1.310	0.482	0.164	0.051
26	UPLAND	140	14.791	8.412	5.425	1.400	0.496	0.164	0.051
26	UPLAND	150	20.670	11.973	7.692	1.888	0.572	0.166	0.051
26	UPLAND	160	27.748	16.809	11.171	2.745	0.707	0.167	0.052
26	UPLAND	170	31.445	18.924	12.748	3.017	0.705	0.167	0.052
26	UPLAND	180	28.962	16.380	10.594	2.217	0.542	0.165	0.051
26	UPLAND	190	22.954	12.518	8.060	1.777	0.519	0.164	0.051
26	UPLAND	200	17.715	10.092	6.520	1.631	0.521	0.163	0.051
26	UPLAND	210	14.538	8.330	5.395	1.410	0.491	0.163	0.051
26	UPLAND	220	12.442	7.056	4.492	1.197	0.458	0.163	0.051
26	UPLAND	230	11.099	6.257	3.938	1.091	0.442	0.162	0.051
26	UPLAND	240	10.370	5.751	3.600	1.011	0.427	0.162	0.051
26	UPLAND	250	9.989	5.413	3.370	0.959	0.419	0.162	0.051
26	UPLAND	260	9.843	5.210	3.218	0.919	0.411	0.162	0.050
26	UPLAND	270	9.770	5.130	3.159	0.904	0.407	0.162	0.050
26	UPLAND	280	9.766	5.111	3.145	0.903	0.408	0.162	0.050
26	UPLAND	290	9.797	5.093	3.125	0.891	0.406	0.162	0.051
26	UPLAND	300	9.857	5.120	3.140	0.896	0.407	0.162	0.051
26	UPLAND	310	9.904	5.153	3.161	0.901	0.409	0.163	0.051
26	UPLAND	320	9.866	5.145	3.162	0.898	0.408	0.163	0.051
26	UPLAND	330	9.719	5.104	3.129	0.890	0.406	0.163	0.051
26	UPLAND	340	9.516	5.037	3.082	0.871	0.403	0.163	0.051
26	UPLAND	350	9.362	4.999	3.069	0.858	0.400	0.163	0.051
26	UPLAND	360	9.341	5.057	3.117	0.862	0.400	0.164	0.051

Table 4: Annual Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(tons/yr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
27	WEST LA	10	18.535	9.668	5.945	1.404	0.530	0.197	0.060
27	WEST LA	20	18.659	9.873	6.015	1.469	0.551	0.198	0.060
27	WEST LA	30	18.757	10.083	6.253	1.575	0.573	0.199	0.060
27	WEST LA	40	18.351	10.170	6.418	1.635	0.585	0.197	0.060
27	WEST LA	50	17.217	9.818	6.192	1.602	0.576	0.193	0.059
27	WEST LA	60	15.801	9.032	5.697	1.474	0.546	0.188	0.057
27	WEST LA	70	14.691	8.344	5.260	1.364	0.520	0.184	0.056
27	WEST LA	80	14.673	8.246	5.202	1.350	0.512	0.181	0.056
27	WEST LA	90	16.264	9.005	5.668	1.450	0.521	0.180	0.056
27	WEST LA	100	19.878	10.848	6.782	1.674	0.557	0.180	0.056
27	WEST LA	110	25.139	13.928	8.794	2.106	0.630	0.180	0.055
27	WEST LA	120	30.719	17.606	11.353	2.765	0.750	0.180	0.055
27	WEST LA	130	34.276	20.147	13.231	3.301	0.850	0.181	0.056
27	WEST LA	140	33.928	19.907	13.144	3.262	0.845	0.181	0.055
27	WEST LA	150	29.787	17.011	10.948	2.648	0.721	0.180	0.055
27	WEST LA	160	23.967	13.140	8.200	1.885	0.576	0.179	0.055
27	WEST LA	170	18.828	10.139	6.295	1.434	0.496	0.178	0.055
27	WEST LA	180	15.408	8.480	5.348	1.254	0.466	0.178	0.055
27	WEST LA	190	13.491	7.701	4.920	1.219	0.472	0.178	0.055
27	WEST LA	200	12.463	7.292	4.629	1.214	0.480	0.179	0.055
27	WEST LA	210	12.115	6.974	4.397	1.176	0.477	0.179	0.056
27	WEST LA	220	12.264	6.839	4.268	1.151	0.476	0.179	0.056
27	WEST LA	230	12.790	6.952	4.315	1.167	0.480	0.180	0.056
27	WEST LA	240	13.507	7.261	4.513	1.218	0.489	0.180	0.056
27	WEST LA	250	14.012	7.558	4.734	1.286	0.504	0.180	0.056
27	WEST LA	260	14.125	7.568	4.728	1.279	0.501	0.181	0.056
27	WEST LA	270	13.748	7.282	4.506	1.213	0.485	0.180	0.056
27	WEST LA	280	13.283	6.966	4.282	1.158	0.478	0.180	0.056
27	WEST LA	290	13.040	6.877	4.252	1.150	0.477	0.180	0.056
27	WEST LA	300	13.236	7.052	4.376	1.186	0.485	0.180	0.056
27	WEST LA	310	13.792	7.429	4.611	1.237	0.493	0.181	0.056
27	WEST LA	320	14.600	7.909	4.946	1.301	0.506	0.181	0.056
27	WEST LA	330	15.533	8.531	5.337	1.392	0.521	0.183	0.056
27	WEST LA	340	16.513	9.058	5.649	1.438	0.528	0.186	0.057
27	WEST LA	350	17.596	9.390	5.849	1.415	0.519	0.189	0.058
27	WEST LA	360	18.231	9.588	5.923	1.367	0.509	0.193	0.059

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
1	ANAHEIM	10	884.948	586.035	422.766	115.430	21.429	2.381	0.769
1	ANAHEIM	20	903.784	604.666	439.236	131.110	27.565	2.639	0.843
1	ANAHEIM	30	909.897	614.642	450.095	143.894	32.697	4.418	1.201
1	ANAHEIM	40	911.666	610.426	443.159	142.705	32.477	5.211	1.608
1	ANAHEIM	50	928.965	620.980	452.209	144.712	32.976	4.077	1.038
1	ANAHEIM	60	970.850	645.054	465.770	148.146	33.850	2.517	0.686
1	ANAHEIM	70	1023.859	677.371	488.053	152.676	34.976	3.454	1.117
1	ANAHEIM	80	1049.033	684.916	498.909	159.024	36.545	2.517	0.645
1	ANAHEIM	90	1071.569	701.720	507.230	155.887	34.201	3.146	0.933
1	ANAHEIM	100	1036.173	683.938	499.597	159.542	36.692	2.344	0.715
1	ANAHEIM	110	1004.367	661.361	475.149	152.134	34.836	1.881	0.515
1	ANAHEIM	120	955.027	632.702	457.174	148.026	33.822	1.854	0.515
1	ANAHEIM	130	917.822	612.767	446.236	144.557	32.927	1.847	0.515
1	ANAHEIM	140	911.666	610.426	443.159	142.110	32.337	1.848	0.515
1	ANAHEIM	150	895.343	602.430	439.015	140.922	32.061	1.843	0.515
1	ANAHEIM	160	908.112	608.029	441.878	130.954	27.624	2.741	0.676
1	ANAHEIM	170	868.678	576.332	415.378	114.956	21.135	3.714	1.182
1	ANAHEIM	180	873.401	569.883	404.570	99.122	14.860	2.355	0.589
1	ANAHEIM	190	880.177	583.045	419.906	113.976	21.174	2.350	0.766
1	ANAHEIM	200	904.111	604.197	438.478	131.110	27.565	1.766	0.515
1	ANAHEIM	210	915.335	618.891	452.091	141.700	32.306	1.854	0.523
1	ANAHEIM	220	913.692	611.995	444.387	142.110	32.337	2.020	0.553
1	ANAHEIM	230	928.698	621.050	450.956	144.239	32.874	2.200	0.711
1	ANAHEIM	240	919.232	616.517	457.492	148.146	33.850	1.848	0.515
1	ANAHEIM	250	950.348	645.282	474.937	152.603	34.936	2.299	0.611
1	ANAHEIM	260	1038.587	681.324	497.117	158.506	36.433	2.299	0.611
1	ANAHEIM	270	1046.191	695.245	502.084	153.857	33.697	2.158	0.641
1	ANAHEIM	280	1038.267	676.735	491.467	156.834	36.077	3.432	0.787
1	ANAHEIM	290	993.685	653.568	473.368	152.134	34.836	5.091	1.586
1	ANAHEIM	300	955.705	633.349	456.641	146.461	33.388	3.432	0.787
1	ANAHEIM	310	935.233	626.600	455.664	145.555	33.185	2.480	0.645
1	ANAHEIM	320	916.676	615.743	448.378	142.226	32.393	2.642	0.719
1	ANAHEIM	330	915.218	615.333	448.287	141.370	32.206	1.861	0.515
1	ANAHEIM	340	898.062	599.523	434.821	130.817	27.481	3.066	0.831
1	ANAHEIM	350	881.756	584.658	421.449	116.055	21.350	3.587	1.107
1	ANAHEIM	360	890.429	583.863	415.708	99.208	15.270	2.528	0.780

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
2	AZUSA	10	795.491	522.896	376.728	105.614	19.546	3.384	1.002
2	AZUSA	20	794.970	528.172	390.377	120.106	25.346	2.684	0.830
2	AZUSA	30	819.466	545.679	401.279	130.009	29.693	2.559	0.700
2	AZUSA	40	842.503	561.921	410.505	131.679	30.113	3.760	1.179
2	AZUSA	50	849.596	578.346	425.178	133.821	30.355	4.954	1.488
2	AZUSA	60	882.037	585.900	426.971	137.671	31.535	4.954	1.488
2	AZUSA	70	900.304	598.809	439.604	140.833	32.343	5.475	1.663
2	AZUSA	80	948.908	635.018	462.506	147.109	33.920	5.237	1.632
2	AZUSA	90	981.153	652.204	471.291	144.784	31.889	3.354	0.988
2	AZUSA	100	948.729	633.271	460.533	146.406	33.755	5.508	1.671
2	AZUSA	110	903.422	600.162	440.415	140.714	32.281	4.742	1.304
2	AZUSA	120	875.990	574.166	424.613	136.797	31.330	3.393	0.940
2	AZUSA	130	842.261	563.743	413.178	133.099	30.386	5.473	1.694
2	AZUSA	140	826.155	550.982	407.412	131.323	29.964	4.401	1.176
2	AZUSA	150	812.577	542.635	400.731	130.041	29.722	4.001	1.230
2	AZUSA	160	798.737	529.068	390.377	120.106	25.346	4.941	1.376
2	AZUSA	170	796.078	528.552	385.283	105.802	19.580	5.364	1.588
2	AZUSA	180	785.058	506.086	357.039	88.769	13.441	2.846	0.874
2	AZUSA	190	809.099	547.242	400.181	110.973	20.569	3.000	0.948
2	AZUSA	200	807.687	535.839	391.562	120.203	25.329	4.016	1.277
2	AZUSA	210	805.313	539.741	402.956	130.875	29.918	4.043	1.239
2	AZUSA	220	824.989	550.112	406.503	131.214	29.939	4.871	1.483
2	AZUSA	230	833.773	555.087	411.967	132.877	30.355	5.032	1.568
2	AZUSA	240	870.006	574.001	424.550	136.809	31.333	3.753	0.947
2	AZUSA	250	897.941	597.347	437.743	139.797	32.100	2.573	0.761
2	AZUSA	260	941.514	628.779	457.197	144.799	33.321	2.752	0.853
2	AZUSA	270	975.945	647.416	467.568	143.527	31.611	3.835	0.989
2	AZUSA	280	973.146	645.050	465.081	145.738	33.539	5.815	1.784
2	AZUSA	290	889.998	599.054	439.930	140.952	32.370	4.150	1.000
2	AZUSA	300	864.354	574.166	424.613	136.797	31.330	2.629	0.787
2	AZUSA	310	815.401	553.187	409.825	131.557	29.983	2.629	0.787
2	AZUSA	320	807.107	546.351	406.104	130.873	29.859	4.412	1.187
2	AZUSA	330	813.516	543.624	400.099	129.827	29.671	4.412	1.187
2	AZUSA	340	802.659	532.052	392.069	120.850	25.509	5.290	1.669
2	AZUSA	350	783.499	519.783	376.357	105.246	19.461	3.838	0.985
2	AZUSA	360	780.640	507.300	364.362	87.698	13.466	3.185	0.906

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
3	BANNING AIRPORT	10	912.231	613.393	445.098	127.340	30.432	8.679	3.252
3	BANNING AIRPORT	20	909.182	641.154	488.073	156.524	34.501	8.512	3.114
3	BANNING AIRPORT	30	868.705	621.461	473.517	158.930	38.505	8.379	3.094
3	BANNING AIRPORT	40	910.786	648.004	492.243	164.468	39.286	8.841	3.281
3	BANNING AIRPORT	50	938.204	670.085	510.370	172.212	40.066	9.502	3.435
3	BANNING AIRPORT	60	1010.681	704.637	525.614	174.954	41.606	8.963	3.321
3	BANNING AIRPORT	70	1064.921	735.963	555.059	185.753	43.269	9.134	3.382
3	BANNING AIRPORT	80	1117.529	777.957	579.295	189.914	44.812	9.081	3.354
3	BANNING AIRPORT	90	1196.593	827.735	611.868	194.100	44.148	8.975	3.336
3	BANNING AIRPORT	100	1119.004	780.071	581.767	191.798	44.385	9.094	3.363
3	BANNING AIRPORT	110	1018.376	714.205	535.900	177.271	42.620	9.093	3.370
3	BANNING AIRPORT	120	1017.785	683.117	508.491	169.759	41.670	8.774	3.236
3	BANNING AIRPORT	130	926.170	660.857	502.918	169.391	40.027	8.849	3.283
3	BANNING AIRPORT	140	919.241	657.570	501.492	169.140	39.320	9.019	3.349
3	BANNING AIRPORT	150	883.287	629.703	477.899	157.919	38.582	8.221	3.000
3	BANNING AIRPORT	160	849.716	605.207	459.450	146.256	34.883	8.738	3.252
3	BANNING AIRPORT	170	869.503	615.500	464.725	135.938	31.182	8.468	3.192
3	BANNING AIRPORT	180	862.256	599.681	444.039	111.240	27.301	9.628	3.542
3	BANNING AIRPORT	190	892.835	620.919	464.953	135.137	31.428	8.778	3.290
3	BANNING AIRPORT	200	885.887	633.163	482.178	154.761	36.106	8.815	3.298
3	BANNING AIRPORT	210	862.259	619.168	472.957	159.504	39.682	8.917	3.310
3	BANNING AIRPORT	220	921.760	632.631	477.713	157.217	39.606	8.847	3.283
3	BANNING AIRPORT	230	946.641	668.637	509.154	171.723	39.951	8.866	3.288
3	BANNING AIRPORT	240	966.007	685.223	518.789	173.429	41.279	9.076	3.370
3	BANNING AIRPORT	250	1039.940	732.459	551.590	184.118	42.528	8.726	3.226
3	BANNING AIRPORT	260	1098.505	762.849	567.147	185.457	44.258	8.936	3.298
3	BANNING AIRPORT	270	1140.955	777.154	567.756	177.776	41.813	8.545	3.158
3	BANNING AIRPORT	280	947.793	643.257	491.718	169.470	42.047	8.649	3.178
3	BANNING AIRPORT	290	945.902	669.141	504.103	168.076	42.582	9.089	3.365
3	BANNING AIRPORT	300	908.765	645.427	488.926	163.973	40.019	8.776	3.251
3	BANNING AIRPORT	310	904.886	646.391	492.009	165.386	38.873	8.432	3.123
3	BANNING AIRPORT	320	840.864	602.911	459.980	154.843	37.357	7.226	2.644
3	BANNING AIRPORT	330	861.660	612.103	463.390	152.518	38.896	8.859	3.288
3	BANNING AIRPORT	340	828.149	587.161	443.653	141.475	32.885	7.922	2.929
3	BANNING AIRPORT	350	813.583	559.263	412.342	121.892	31.785	8.880	3.349
3	BANNING AIRPORT	360	818.735	553.386	399.731	103.824	25.527	7.639	2.806

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
4	BURBANK	10	802.720	526.466	377.319	101.763	19.066	2.682	0.762
4	BURBANK	20	820.426	541.841	390.620	115.512	24.298	3.995	1.202
4	BURBANK	30	842.313	562.521	408.186	126.205	28.785	4.243	1.339
4	BURBANK	40	837.063	556.151	402.606	124.224	28.369	2.471	0.688
4	BURBANK	50	851.796	563.689	406.906	127.447	29.040	2.145	0.591
4	BURBANK	60	882.666	581.243	418.166	130.455	29.805	2.547	0.716
4	BURBANK	70	903.393	586.796	420.381	133.375	30.565	2.798	0.812
4	BURBANK	80	939.530	606.656	438.887	138.418	31.867	2.798	0.812
4	BURBANK	90	948.526	623.454	448.661	137.032	30.164	2.239	0.719
4	BURBANK	100	943.748	610.186	441.838	139.121	31.983	2.637	0.771
4	BURBANK	110	912.946	593.741	423.577	133.980	30.706	3.059	0.964
4	BURBANK	120	873.360	574.685	413.404	129.652	29.603	3.446	1.021
4	BURBANK	130	848.205	560.973	404.805	127.321	29.011	2.833	0.734
4	BURBANK	140	834.706	554.006	400.684	125.521	28.561	1.742	0.489
4	BURBANK	150	834.219	554.254	401.072	123.453	28.160	1.748	0.489
4	BURBANK	160	800.791	531.134	383.770	114.327	24.072	1.657	0.489
4	BURBANK	170	810.188	532.660	381.899	102.666	19.157	1.596	0.489
4	BURBANK	180	792.410	508.500	357.024	87.432	12.991	1.562	0.489
4	BURBANK	190	810.819	533.044	382.633	103.492	19.369	1.594	0.489
4	BURBANK	200	779.783	506.618	373.356	113.230	23.800	1.642	0.489
4	BURBANK	210	800.927	529.382	384.461	123.029	28.023	2.181	0.514
4	BURBANK	220	824.952	541.025	390.632	124.730	28.376	2.755	0.767
4	BURBANK	230	821.244	537.348	395.919	125.992	28.660	2.181	0.514
4	BURBANK	240	856.721	556.535	404.954	129.015	29.488	1.726	0.489
4	BURBANK	250	898.987	580.171	419.966	133.090	30.487	2.160	0.590
4	BURBANK	260	922.445	606.397	438.887	138.090	31.744	2.160	0.590
4	BURBANK	270	941.566	618.790	444.321	135.388	29.781	1.892	0.548
4	BURBANK	280	924.444	608.828	441.114	139.214	32.053	2.656	0.826
4	BURBANK	290	898.455	581.712	421.420	133.599	30.617	2.599	0.713
4	BURBANK	300	873.587	574.421	412.920	130.068	29.715	2.304	0.620
4	BURBANK	310	855.579	566.554	409.123	127.216	28.987	2.831	0.853
4	BURBANK	320	826.829	547.736	396.581	124.918	28.409	3.118	0.827
4	BURBANK	330	828.977	549.013	396.219	123.228	28.052	3.494	1.001
4	BURBANK	340	814.861	543.424	393.765	116.098	24.561	2.573	0.756
4	BURBANK	350	808.661	530.942	380.756	102.768	19.249	2.220	0.621
4	BURBANK	360	767.513	491.148	346.538	85.385	12.903	2.800	0.839

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
5	CENTRAL LA	10	782.021	508.690	361.912	98.839	18.276	2.993	0.996
5	CENTRAL LA	20	746.700	502.545	369.919	111.907	23.519	2.547	0.742
5	CENTRAL LA	30	752.292	512.906	379.137	120.888	27.483	1.929	0.576
5	CENTRAL LA	40	829.645	549.936	397.445	123.196	28.013	2.424	0.731
5	CENTRAL LA	50	782.181	527.101	388.123	123.532	28.138	3.591	0.997
5	CENTRAL LA	60	808.723	541.385	397.177	126.260	28.838	4.298	1.372
5	CENTRAL LA	70	873.039	568.728	414.198	130.785	29.915	2.937	0.976
5	CENTRAL LA	80	932.577	602.143	433.105	136.032	31.279	2.393	0.738
5	CENTRAL LA	90	942.998	604.626	434.405	132.387	29.148	1.912	0.599
5	CENTRAL LA	100	907.133	599.552	433.758	136.588	31.439	2.007	0.654
5	CENTRAL LA	110	860.546	569.426	414.770	131.209	30.055	1.903	0.559
5	CENTRAL LA	120	866.134	568.798	408.338	127.356	29.077	1.884	0.614
5	CENTRAL LA	130	831.691	548.619	394.749	125.075	28.482	1.768	0.595
5	CENTRAL LA	140	804.590	535.472	387.710	123.060	27.990	2.583	0.747
5	CENTRAL LA	150	778.170	516.153	381.894	122.108	27.796	2.143	0.540
5	CENTRAL LA	160	815.261	537.896	387.537	113.351	23.972	1.769	0.523
5	CENTRAL LA	170	790.365	517.521	370.484	99.789	18.713	1.924	0.594
5	CENTRAL LA	180	784.596	503.134	353.613	86.854	12.980	1.924	0.594
5	CENTRAL LA	190	790.968	517.822	371.338	99.836	18.664	1.575	0.479
5	CENTRAL LA	200	811.436	533.770	383.634	112.283	23.604	1.669	0.479
5	CENTRAL LA	210	756.602	514.527	380.927	121.945	27.776	2.209	0.733
5	CENTRAL LA	220	766.185	520.644	384.123	122.165	27.744	2.010	0.612
5	CENTRAL LA	230	784.796	531.123	390.743	124.030	28.199	1.693	0.479
5	CENTRAL LA	240	809.592	545.110	399.557	126.955	28.984	1.912	0.630
5	CENTRAL LA	250	853.162	569.426	414.770	131.163	30.033	2.673	0.761
5	CENTRAL LA	260	945.031	611.742	434.858	136.332	31.379	3.068	0.970
5	CENTRAL LA	270	922.912	604.340	432.931	131.326	28.858	1.803	0.488
5	CENTRAL LA	280	887.823	583.912	420.440	130.781	29.947	1.686	0.537
5	CENTRAL LA	290	848.554	566.172	412.163	130.052	29.744	2.027	0.654
5	CENTRAL LA	300	803.038	538.699	393.525	123.587	28.047	1.833	0.552
5	CENTRAL LA	310	758.431	514.425	378.790	120.400	27.421	2.102	0.637
5	CENTRAL LA	320	760.920	511.682	375.985	119.519	27.175	2.102	0.637
5	CENTRAL LA	330	753.580	514.460	380.725	121.789	27.731	1.813	0.575
5	CENTRAL LA	340	726.142	491.627	362.300	109.844	23.119	1.701	0.510
5	CENTRAL LA	350	724.276	485.476	354.130	97.900	18.088	1.898	0.627
5	CENTRAL LA	360	709.376	464.171	333.129	83.692	12.292	2.149	0.600

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
6	COMPTON	10	785.116	511.463	367.592	99.495	18.669	2.514	0.783
6	COMPTON	20	800.082	529.457	382.108	112.206	23.788	2.057	0.592
6	COMPTON	30	817.740	540.467	389.563	122.877	28.001	1.714	0.481
6	COMPTON	40	825.155	545.247	393.018	122.628	27.858	1.717	0.481
6	COMPTON	50	841.814	555.867	402.017	125.660	28.625	2.090	0.558
6	COMPTON	60	866.657	569.368	409.223	128.464	29.342	2.314	0.661
6	COMPTON	70	901.186	585.965	418.166	131.559	30.143	2.418	0.750
6	COMPTON	80	936.038	604.569	435.273	137.152	31.576	2.951	0.979
6	COMPTON	90	942.477	612.709	439.643	133.838	29.444	3.802	1.157
6	COMPTON	100	932.143	601.359	435.294	137.189	31.586	3.997	1.264
6	COMPTON	110	904.400	588.611	420.412	131.559	30.143	2.734	0.838
6	COMPTON	120	868.635	568.940	408.628	128.464	29.342	2.699	0.752
6	COMPTON	130	837.992	551.931	396.969	125.454	28.559	2.797	0.799
6	COMPTON	140	828.996	549.398	397.014	123.533	28.107	2.023	0.517
6	COMPTON	150	824.540	546.958	395.554	122.553	27.925	1.749	0.482
6	COMPTON	160	807.637	531.137	381.622	112.902	23.770	2.844	0.647
6	COMPTON	170	795.358	520.671	372.789	100.406	18.813	4.482	1.422
6	COMPTON	180	788.723	507.128	357.291	88.786	13.196	3.687	0.989
6	COMPTON	190	794.824	520.270	372.482	100.317	18.797	1.579	0.481
6	COMPTON	200	812.385	538.594	389.885	114.951	24.342	2.212	0.481
6	COMPTON	210	822.567	545.460	394.392	122.410	27.891	3.289	0.934
6	COMPTON	220	825.924	547.071	395.211	123.437	28.076	3.617	0.988
6	COMPTON	230	831.666	549.425	396.618	124.351	28.281	4.381	1.390
6	COMPTON	240	863.289	565.378	405.108	128.287	29.283	2.816	0.625
6	COMPTON	250	904.099	589.433	421.056	130.700	29.901	2.053	0.623
6	COMPTON	260	931.112	601.851	435.613	137.271	31.603	2.178	0.694
6	COMPTON	270	926.127	609.165	437.618	133.348	29.356	2.605	0.788
6	COMPTON	280	938.083	605.760	433.525	136.006	31.243	2.017	0.537
6	COMPTON	290	900.910	585.638	417.880	132.094	30.248	1.745	0.481
6	COMPTON	300	868.259	570.336	409.966	128.338	29.312	1.738	0.481
6	COMPTON	310	833.693	551.102	397.393	125.432	28.571	1.723	0.481
6	COMPTON	320	825.155	545.247	393.018	122.854	27.903	1.717	0.481
6	COMPTON	330	822.123	544.787	393.627	122.328	27.872	1.838	0.589
6	COMPTON	340	812.377	535.975	386.260	113.155	23.957	2.975	0.905
6	COMPTON	350	801.532	527.502	378.765	102.361	19.141	3.015	0.948
6	COMPTON	360	787.776	506.197	356.420	89.831	13.159	2.031	0.541

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
7	COSTA MESA	10	893.600	596.142	431.243	120.901	22.263	4.475	1.256
7	COSTA MESA	20	890.881	600.067	437.446	136.034	28.654	5.579	1.699
7	COSTA MESA	30	908.466	613.522	448.557	147.123	33.631	4.841	1.334
7	COSTA MESA	40	916.080	619.504	453.398	148.543	33.887	5.035	1.448
7	COSTA MESA	50	922.265	619.956	460.301	150.815	34.464	5.501	1.672
7	COSTA MESA	60	974.001	649.939	471.182	153.926	35.248	5.293	1.582
7	COSTA MESA	70	1015.090	681.581	494.856	159.650	36.640	5.293	1.582
7	COSTA MESA	80	1042.599	702.916	515.656	165.735	38.167	5.056	1.427
7	COSTA MESA	90	1086.798	727.676	527.936	163.110	35.794	5.468	1.637
7	COSTA MESA	100	1043.470	704.869	517.574	166.626	38.369	5.077	1.539
7	COSTA MESA	110	1012.268	671.403	491.046	159.548	36.627	4.873	1.433
7	COSTA MESA	120	946.577	630.534	469.690	153.310	35.102	3.918	1.204
7	COSTA MESA	130	921.686	619.349	457.072	149.911	34.269	2.783	0.719
7	COSTA MESA	140	916.511	619.966	453.191	148.009	33.761	2.293	0.679
7	COSTA MESA	150	909.968	615.118	449.250	146.552	33.473	4.664	1.175
7	COSTA MESA	160	889.179	595.430	437.550	136.514	28.758	5.984	1.813
7	COSTA MESA	170	884.607	589.867	425.821	117.643	21.698	3.351	0.788
7	COSTA MESA	180	868.890	568.432	404.113	96.701	14.971	2.542	0.694
7	COSTA MESA	190	864.136	577.781	419.773	119.142	21.948	1.930	0.662
7	COSTA MESA	200	880.223	589.276	434.563	134.955	28.366	2.026	0.689
7	COSTA MESA	210	882.340	593.272	444.893	145.841	33.247	2.004	0.664
7	COSTA MESA	220	887.880	597.208	441.555	143.849	32.860	2.957	0.806
7	COSTA MESA	230	908.104	611.981	458.273	150.017	34.275	2.957	0.806
7	COSTA MESA	240	939.225	627.641	467.274	151.840	34.676	2.094	0.717
7	COSTA MESA	250	977.816	661.435	489.249	158.486	36.355	2.777	0.735
7	COSTA MESA	260	1037.938	702.429	514.912	165.339	38.057	4.404	1.362
7	COSTA MESA	270	1081.656	726.224	527.768	163.431	35.881	2.777	0.716
7	COSTA MESA	280	1034.216	698.696	511.393	163.471	37.532	5.393	1.492
7	COSTA MESA	290	985.957	661.435	489.249	158.486	36.355	5.393	1.492
7	COSTA MESA	300	945.484	632.304	470.408	153.432	35.117	3.330	0.912
7	COSTA MESA	310	934.865	628.401	459.024	150.307	34.343	3.764	1.018
7	COSTA MESA	320	899.887	607.269	449.773	147.576	33.687	4.644	1.386
7	COSTA MESA	330	896.944	606.973	447.353	147.509	33.722	4.644	1.386
7	COSTA MESA	340	893.665	599.807	441.604	136.142	28.694	3.615	1.095
7	COSTA MESA	350	891.584	592.929	427.695	120.901	22.263	3.959	1.091
7	COSTA MESA	360	884.503	582.390	415.398	99.181	15.360	3.117	0.821

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
8	CRESTLINE	10	932.745	624.213	452.354	123.636	22.895	4.646	1.421
8	CRESTLINE	20	929.859	629.566	460.430	138.474	29.122	4.956	1.392
8	CRESTLINE	30	958.600	648.690	473.942	148.958	33.992	3.891	1.194
8	CRESTLINE	40	942.611	636.076	464.451	150.823	34.356	4.410	1.369
8	CRESTLINE	50	962.232	646.529	470.817	153.083	34.933	4.410	1.369
8	CRESTLINE	60	1008.175	675.468	489.941	156.374	35.767	3.172	0.995
8	CRESTLINE	70	1051.779	698.857	504.841	161.058	36.920	3.016	0.915
8	CRESTLINE	80	1094.212	717.133	522.720	167.828	38.590	2.942	0.892
8	CRESTLINE	90	1126.753	736.288	534.943	165.451	36.292	4.559	1.322
8	CRESTLINE	100	1094.405	718.073	526.548	169.398	38.977	5.383	1.599
8	CRESTLINE	110	1047.197	695.662	501.954	161.384	36.972	3.936	1.061
8	CRESTLINE	120	1001.987	671.346	487.244	154.563	35.327	3.721	1.172
8	CRESTLINE	130	957.078	643.104	468.779	152.229	34.715	2.976	0.797
8	CRESTLINE	140	952.734	645.874	473.020	150.409	34.258	2.151	0.626
8	CRESTLINE	150	935.911	632.511	462.973	145.775	33.138	2.017	0.543
8	CRESTLINE	160	931.759	631.259	461.629	138.041	29.105	1.808	0.526
8	CRESTLINE	170	915.933	610.458	441.400	120.959	22.342	1.728	0.526
8	CRESTLINE	180	909.440	597.746	426.031	102.239	15.649	1.685	0.526
8	CRESTLINE	190	916.508	610.906	441.749	120.439	22.362	1.726	0.526
8	CRESTLINE	200	929.476	624.322	454.636	137.486	28.905	2.174	0.627
8	CRESTLINE	210	935.924	631.997	461.552	147.788	33.616	3.032	0.820
8	CRESTLINE	220	941.200	635.490	464.348	150.140	34.195	3.032	0.820
8	CRESTLINE	230	960.295	646.160	471.068	149.493	34.005	3.278	1.009
8	CRESTLINE	240	994.498	663.448	480.883	149.772	34.260	3.278	1.009
8	CRESTLINE	250	1031.709	681.683	494.830	160.306	36.742	2.621	0.734
8	CRESTLINE	260	1069.895	704.294	515.612	164.866	37.852	3.694	1.178
8	CRESTLINE	270	1107.764	735.381	533.749	164.495	36.003	2.818	0.785
8	CRESTLINE	280	1078.743	706.767	508.486	163.175	37.605	2.628	0.719
8	CRESTLINE	290	1048.478	695.344	501.417	161.508	37.026	3.943	1.238
8	CRESTLINE	300	996.452	664.621	481.443	156.249	35.714	4.236	1.429
8	CRESTLINE	310	960.457	646.080	470.692	151.056	34.351	4.223	1.230
8	CRESTLINE	320	945.859	640.319	469.117	149.357	33.934	4.692	1.458
8	CRESTLINE	330	955.822	646.520	473.213	148.587	33.842	4.835	1.523
8	CRESTLINE	340	929.140	624.218	454.316	138.346	29.072	3.692	0.978
8	CRESTLINE	350	924.246	619.642	449.933	123.475	22.914	4.726	1.505
8	CRESTLINE	360	920.915	607.814	434.144	103.345	15.915	4.407	1.361

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
9	FONTANA	10	900.173	615.071	460.804	133.042	25.182	6.161	2.288
9	FONTANA	20	896.762	619.735	468.123	148.107	31.252	6.152	2.270
9	FONTANA	30	947.907	644.128	478.031	160.079	36.714	6.222	2.264
9	FONTANA	40	920.845	643.754	487.889	162.681	37.238	6.667	2.301
9	FONTANA	50	944.479	650.623	491.951	163.787	37.547	6.382	2.331
9	FONTANA	60	980.368	670.503	505.068	167.789	38.553	6.354	2.317
9	FONTANA	70	1023.060	705.891	526.886	173.180	39.849	6.375	2.313
9	FONTANA	80	1089.680	750.215	555.414	180.995	41.762	6.432	2.332
9	FONTANA	90	1152.425	783.169	572.986	179.027	39.320	6.352	2.320
9	FONTANA	100	1094.473	752.117	556.142	180.920	41.712	6.399	2.320
9	FONTANA	110	1036.959	703.878	525.861	173.180	39.849	6.352	2.311
9	FONTANA	120	952.452	664.374	498.942	164.431	37.627	6.155	2.240
9	FONTANA	130	921.505	651.022	492.283	163.918	37.578	5.941	2.161
9	FONTANA	140	902.105	637.244	481.706	160.117	36.565	5.784	2.105
9	FONTANA	150	888.596	624.515	473.600	157.617	36.024	5.850	2.129
9	FONTANA	160	885.555	621.343	470.046	149.077	31.480	6.250	2.302
9	FONTANA	170	905.622	612.609	458.237	131.978	25.178	6.135	2.278
9	FONTANA	180	890.313	598.722	440.364	109.353	20.990	6.087	2.283
9	FONTANA	190	922.302	617.814	459.059	132.447	25.972	6.158	2.296
9	FONTANA	200	903.856	620.890	469.667	148.934	31.449	6.233	2.301
9	FONTANA	210	893.080	629.895	478.725	160.357	36.781	6.328	2.310
9	FONTANA	220	908.262	643.188	487.290	162.374	37.168	6.372	2.322
9	FONTANA	230	945.946	654.079	495.559	165.643	38.006	6.391	2.332
9	FONTANA	240	970.378	674.384	509.161	169.889	39.073	6.279	2.286
9	FONTANA	250	1015.329	705.184	526.296	172.980	39.773	6.316	2.297
9	FONTANA	260	1090.037	749.123	554.730	180.637	41.677	6.017	2.165
9	FONTANA	270	1153.797	783.702	573.415	179.179	39.354	6.268	2.282
9	FONTANA	280	1090.143	749.354	554.197	180.341	41.587	6.106	2.205
9	FONTANA	290	1011.697	701.221	522.356	170.705	39.149	6.160	2.236
9	FONTANA	300	948.566	665.369	500.126	165.099	37.801	6.007	2.183
9	FONTANA	310	916.695	646.132	488.038	162.138	37.148	6.158	2.238
9	FONTANA	320	905.448	640.907	485.394	161.629	36.991	5.858	2.127
9	FONTANA	330	891.169	628.895	477.344	159.674	36.617	5.926	2.159
9	FONTANA	340	916.674	620.890	469.667	148.934	31.449	6.089	2.238
9	FONTANA	350	880.667	613.796	459.746	132.681	25.520	6.006	2.220
9	FONTANA	360	886.209	598.091	440.276	109.482	19.329	5.780	2.117

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
10	INDIO	10	914.539	618.947	464.490	134.215	26.746	6.171	2.268
10	INDIO	20	920.319	630.501	478.155	152.353	32.211	6.492	2.402
10	INDIO	30	931.045	642.401	489.168	164.089	37.603	7.013	2.567
10	INDIO	40	937.838	652.005	494.502	164.731	37.632	6.712	2.462
10	INDIO	50	946.940	660.652	500.109	166.474	38.210	6.620	2.416
10	INDIO	60	987.427	681.448	514.117	170.876	39.192	6.766	2.474
10	INDIO	70	1024.757	715.725	536.149	177.411	40.875	7.135	2.610
10	INDIO	80	1107.099	766.585	569.503	186.615	43.110	7.011	2.555
10	INDIO	90	1172.171	798.975	585.291	182.718	40.051	7.024	2.578
10	INDIO	100	1106.168	765.573	568.583	186.226	43.020	7.115	2.597
10	INDIO	110	1027.664	717.071	536.571	177.130	40.807	7.140	2.614
10	INDIO	120	998.330	682.466	515.618	172.249	39.641	7.470	2.600
10	INDIO	130	937.573	665.366	504.742	169.103	38.834	7.058	2.591
10	INDIO	140	941.998	649.169	492.762	164.787	37.764	7.111	2.614
10	INDIO	150	954.321	653.892	488.263	164.442	37.779	6.904	2.532
10	INDIO	160	901.083	630.127	479.305	153.641	32.542	6.967	2.587
10	INDIO	170	898.177	622.047	466.987	135.315	27.571	6.769	2.532
10	INDIO	180	896.664	612.607	451.403	112.212	22.850	6.864	2.587
10	INDIO	190	919.097	621.945	466.375	134.712	27.138	6.586	2.464
10	INDIO	200	905.157	634.341	481.457	153.646	32.492	6.728	2.492
10	INDIO	210	934.768	639.320	487.141	163.988	37.670	6.866	2.511
10	INDIO	220	923.207	652.035	494.479	165.046	37.824	6.560	2.394
10	INDIO	230	947.354	664.388	503.976	168.826	38.766	6.870	2.511
10	INDIO	240	971.210	684.467	516.709	171.936	39.443	6.051	2.132
10	INDIO	250	1033.477	713.861	535.006	176.732	40.608	6.180	2.243
10	INDIO	260	1095.521	755.514	559.536	181.935	41.873	6.100	2.200
10	INDIO	270	1182.646	810.067	595.524	187.382	41.192	6.839	2.507
10	INDIO	280	1107.351	766.596	569.438	186.557	43.099	6.933	2.520
10	INDIO	290	1033.987	724.234	543.615	180.538	41.620	6.787	2.479
10	INDIO	300	975.556	683.439	516.536	172.669	39.740	6.920	2.526
10	INDIO	310	955.084	662.758	502.643	168.376	38.669	6.836	2.505
10	INDIO	320	920.863	654.229	496.581	165.681	37.857	6.990	2.565
10	INDIO	330	923.836	641.658	488.792	164.105	37.696	7.067	2.595
10	INDIO	340	946.559	638.273	480.198	153.154	32.385	6.919	2.568
10	INDIO	350	914.997	620.340	465.213	134.510	26.791	6.681	2.487
10	INDIO	360	905.735	612.782	452.024	112.787	22.842	6.935	2.610

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
11	LA HABRA	10	897.245	596.215	430.428	117.098	21.743	5.167	1.541
11	LA HABRA	20	901.516	606.045	441.229	131.072	27.636	4.967	1.433
11	LA HABRA	30	912.871	614.804	448.078	139.560	31.803	4.324	1.260
11	LA HABRA	40	920.132	619.715	451.695	140.770	32.024	3.458	1.078
11	LA HABRA	50	938.852	629.205	457.758	143.925	32.801	4.395	1.155
11	LA HABRA	60	969.760	646.597	467.971	146.011	33.349	5.345	1.635
11	LA HABRA	70	1015.410	670.482	482.574	151.021	34.590	4.395	1.155
11	LA HABRA	80	1052.843	686.991	494.828	157.791	36.285	5.382	1.623
11	LA HABRA	90	1079.001	696.243	499.790	153.399	33.662	4.758	1.540
11	LA HABRA	100	1057.120	693.500	495.729	156.691	36.027	3.979	1.129
11	LA HABRA	110	1021.475	675.031	485.918	150.502	34.480	2.622	0.843
11	LA HABRA	120	966.951	644.353	466.197	145.830	33.295	2.518	0.529
11	LA HABRA	130	935.991	628.155	456.752	141.902	32.303	4.450	1.247
11	LA HABRA	140	924.171	622.395	453.717	141.035	32.035	5.099	1.590
11	LA HABRA	150	915.084	617.968	451.265	140.811	32.053	3.734	0.901
11	LA HABRA	160	896.976	599.064	434.728	129.076	27.243	1.773	0.511
11	LA HABRA	170	895.640	595.342	429.817	116.885	21.679	1.670	0.511
11	LA HABRA	180	886.517	580.514	413.019	98.704	15.153	1.699	0.511
11	LA HABRA	190	888.538	588.391	424.208	115.148	21.376	2.112	0.535
11	LA HABRA	200	921.698	617.329	448.867	133.019	27.996	2.979	0.863
11	LA HABRA	210	912.069	614.608	449.031	140.229	31.941	4.844	1.441
11	LA HABRA	220	921.115	621.290	453.405	141.429	32.193	4.492	1.256
11	LA HABRA	230	925.959	620.420	451.811	142.720	32.518	3.132	0.984
11	LA HABRA	240	959.327	640.073	463.436	144.833	33.018	4.736	1.392
11	LA HABRA	250	1010.547	666.229	478.900	149.500	34.146	5.094	1.573
11	LA HABRA	260	1043.200	682.000	494.020	157.499	36.217	5.287	1.617
11	LA HABRA	270	1067.067	688.749	497.544	152.394	33.388	4.991	1.563
11	LA HABRA	280	1051.749	686.991	490.587	156.061	35.908	3.272	0.977
11	LA HABRA	290	1005.734	662.496	476.328	147.236	33.759	4.500	1.315
11	LA HABRA	300	958.116	636.375	459.983	144.759	33.087	4.894	1.519
11	LA HABRA	310	934.225	626.832	455.731	141.931	32.271	3.541	0.852
11	LA HABRA	320	912.625	615.093	448.768	141.025	32.023	2.648	0.736
11	LA HABRA	330	915.835	626.315	464.341	148.167	33.559	3.180	1.027
11	LA HABRA	340	899.476	603.926	439.600	130.332	27.502	2.715	0.789
11	LA HABRA	350	896.576	596.154	430.664	117.367	21.790	4.509	1.195
11	LA HABRA	360	882.948	577.805	411.309	100.004	15.104	5.366	1.658

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
12	LAKE ELSINORE	10	895.378	613.117	458.902	132.252	25.843	6.210	2.307
12	LAKE ELSINORE	20	932.477	629.975	469.733	149.031	31.482	6.415	2.371
12	LAKE ELSINORE	30	927.715	630.057	478.253	159.538	36.494	6.194	2.244
12	LAKE ELSINORE	40	907.137	642.445	486.771	162.245	37.151	6.447	2.356
12	LAKE ELSINORE	50	923.995	651.981	492.605	163.759	37.521	6.164	2.248
12	LAKE ELSINORE	60	980.630	672.069	506.848	168.766	38.800	6.322	2.299
12	LAKE ELSINORE	70	1033.446	709.388	530.280	174.588	40.212	6.445	2.345
12	LAKE ELSINORE	80	1090.474	751.406	556.596	181.547	41.907	6.222	2.255
12	LAKE ELSINORE	90	1155.319	785.046	574.053	178.759	39.240	6.307	2.304
12	LAKE ELSINORE	100	1091.287	749.862	555.294	181.038	41.785	6.453	2.337
12	LAKE ELSINORE	110	1016.832	707.551	529.041	174.504	40.178	6.718	2.381
12	LAKE ELSINORE	120	959.264	670.288	505.121	167.841	38.579	6.499	2.373
12	LAKE ELSINORE	130	954.645	653.973	494.474	164.401	37.714	6.490	2.373
12	LAKE ELSINORE	140	961.981	655.938	490.601	163.765	37.512	6.536	2.390
12	LAKE ELSINORE	150	926.932	633.125	481.415	161.514	37.071	6.502	2.372
12	LAKE ELSINORE	160	943.558	640.257	474.392	150.801	31.869	6.311	2.331
12	LAKE ELSINORE	170	922.138	625.049	460.304	132.684	26.359	6.342	2.367
12	LAKE ELSINORE	180	909.508	603.294	442.103	110.007	20.597	6.022	2.248
12	LAKE ELSINORE	190	910.428	615.107	460.940	133.153	26.359	6.342	2.367
12	LAKE ELSINORE	200	921.078	623.985	472.409	150.064	31.706	6.347	2.337
12	LAKE ELSINORE	210	914.305	631.032	479.786	160.860	36.914	6.313	2.306
12	LAKE ELSINORE	220	925.982	643.860	487.948	162.708	37.261	6.603	2.418
12	LAKE ELSINORE	230	924.782	652.666	493.195	164.296	37.680	6.349	2.317
12	LAKE ELSINORE	240	970.207	671.492	506.075	168.302	38.687	5.781	2.095
12	LAKE ELSINORE	250	1009.885	701.524	523.371	171.562	39.490	6.530	2.379
12	LAKE ELSINORE	260	1095.743	753.742	557.691	181.613	41.888	6.574	2.388
12	LAKE ELSINORE	270	1153.522	784.347	574.064	179.476	39.432	6.036	2.212
12	LAKE ELSINORE	280	1092.094	752.850	557.816	182.023	42.021	5.741	2.072
12	LAKE ELSINORE	290	1011.963	704.214	526.258	173.412	39.917	6.164	2.237
12	LAKE ELSINORE	300	956.189	671.570	505.539	167.642	38.502	6.443	2.351
12	LAKE ELSINORE	310	934.935	654.595	494.756	164.250	37.603	6.386	2.331
12	LAKE ELSINORE	320	928.317	643.860	487.948	162.708	37.261	6.135	2.237
12	LAKE ELSINORE	330	925.753	637.233	485.087	163.033	37.433	6.442	2.356
12	LAKE ELSINORE	340	939.002	645.494	479.532	149.674	31.623	6.390	2.361
12	LAKE ELSINORE	350	924.354	621.673	462.831	133.290	26.143	6.247	2.331
12	LAKE ELSINORE	360	902.019	602.618	443.608	110.330	20.820	6.219	2.323

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
13	LAX	10	789.394	543.324	402.832	114.513	21.212	3.395	1.227
13	LAX	20	795.891	553.440	414.139	129.046	27.279	3.935	1.236
13	LAX	30	805.014	563.445	423.549	139.165	31.906	3.680	1.243
13	LAX	40	816.646	569.945	427.739	140.400	32.160	4.307	1.242
13	LAX	50	857.022	584.252	437.344	143.124	32.785	7.092	2.054
13	LAX	60	874.393	604.989	451.183	147.408	33.839	5.806	1.481
13	LAX	70	919.428	629.734	466.195	151.318	34.824	5.624	1.528
13	LAX	80	992.622	670.290	490.728	157.327	36.297	6.107	1.748
13	LAX	90	1030.910	689.253	499.913	154.465	34.008	4.451	1.179
13	LAX	100	991.849	671.164	491.988	158.038	36.472	3.667	1.180
13	LAX	110	918.917	629.734	466.195	151.318	34.824	4.402	1.207
13	LAX	120	869.212	600.322	447.484	146.073	33.538	5.367	1.477
13	LAX	130	839.945	583.317	436.221	142.497	32.630	3.387	1.152
13	LAX	140	811.494	565.625	423.948	138.791	31.797	3.467	1.211
13	LAX	150	806.694	562.128	422.350	138.574	31.753	2.959	1.029
13	LAX	160	789.304	548.115	410.551	127.847	26.998	4.575	1.189
13	LAX	170	789.674	542.470	401.997	113.888	21.046	5.728	1.748
13	LAX	180	799.542	528.058	384.632	94.117	14.530	4.930	1.353
13	LAX	190	792.325	546.136	405.499	115.447	21.365	4.090	1.275
13	LAX	200	790.850	550.110	411.473	127.815	26.981	4.859	1.475
13	LAX	210	803.458	563.141	423.747	139.511	31.990	3.711	1.294
13	LAX	220	811.872	566.962	425.528	139.308	31.837	3.644	1.267
13	LAX	230	840.635	583.572	436.150	142.377	32.627	3.450	1.202
13	LAX	240	870.219	600.508	446.994	145.540	33.399	3.453	1.200
13	LAX	250	919.428	628.500	464.477	150.299	34.569	3.353	1.160
13	LAX	260	989.166	666.831	487.470	155.702	35.855	3.583	1.239
13	LAX	270	1030.215	689.414	500.538	154.823	34.105	5.477	1.514
13	LAX	280	985.619	666.382	488.036	156.539	36.139	6.363	1.904
13	LAX	290	919.886	629.734	466.195	151.318	34.824	4.923	1.508
13	LAX	300	870.219	600.508	446.994	145.540	33.396	2.884	1.035
13	LAX	310	837.831	581.909	435.046	142.083	32.542	2.736	0.983
13	LAX	320	820.088	572.602	429.864	141.021	32.283	3.152	1.106
13	LAX	330	813.302	561.697	422.265	138.929	31.872	3.429	1.196
13	LAX	340	792.371	551.141	412.652	128.612	27.195	2.881	1.038
13	LAX	350	792.134	544.651	404.386	115.129	21.311	3.418	1.236
13	LAX	360	783.636	530.271	386.388	94.732	14.960	3.311	1.211

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
14	LONG BEACH	10	784.192	513.848	367.850	100.483	18.601	3.138	1.011
14	LONG BEACH	20	807.718	532.989	384.010	114.963	24.214	2.526	0.821
14	LONG BEACH	30	792.818	532.123	387.132	124.416	28.365	2.732	0.783
14	LONG BEACH	40	808.462	537.640	392.276	125.116	28.441	2.570	0.764
14	LONG BEACH	50	830.175	551.212	399.781	127.614	29.067	2.095	0.634
14	LONG BEACH	60	846.984	557.357	409.454	130.520	29.808	2.112	0.681
14	LONG BEACH	70	902.610	587.519	423.638	134.619	30.860	2.879	0.904
14	LONG BEACH	80	920.254	609.130	441.141	139.402	32.110	2.879	0.904
14	LONG BEACH	90	946.537	622.891	447.592	136.522	30.033	2.132	0.626
14	LONG BEACH	100	934.080	611.452	442.741	139.618	32.128	2.380	0.742
14	LONG BEACH	110	896.767	581.987	423.772	134.430	30.795	2.474	0.806
14	LONG BEACH	120	862.435	566.513	408.403	130.212	29.754	2.250	0.641
14	LONG BEACH	130	846.051	563.643	408.308	127.872	29.147	2.083	0.486
14	LONG BEACH	140	812.544	534.784	392.799	125.653	28.606	3.282	1.054
14	LONG BEACH	150	821.867	545.894	395.054	124.679	28.408	3.032	0.888
14	LONG BEACH	160	787.212	520.023	378.145	115.158	24.238	3.245	1.007
14	LONG BEACH	170	786.256	512.149	364.804	101.202	18.702	1.928	0.554
14	LONG BEACH	180	783.403	502.667	353.381	85.745	13.069	2.859	0.824
14	LONG BEACH	190	788.869	516.552	369.668	100.966	18.674	3.237	1.034
14	LONG BEACH	200	786.316	521.479	378.318	115.410	24.309	1.964	0.486
14	LONG BEACH	210	820.204	544.276	393.547	124.499	28.385	1.871	0.486
14	LONG BEACH	220	826.875	549.100	397.360	125.773	28.626	2.979	0.886
14	LONG BEACH	230	846.140	559.483	403.729	127.614	29.078	3.537	0.906
14	LONG BEACH	240	863.531	567.413	409.323	130.670	29.861	4.333	1.290
14	LONG BEACH	250	897.793	583.390	423.772	134.430	30.795	2.712	0.564
14	LONG BEACH	260	944.857	611.452	442.741	139.618	32.130	1.774	0.486
14	LONG BEACH	270	941.956	620.226	445.828	136.037	29.934	1.706	0.503
14	LONG BEACH	280	928.177	606.669	439.248	138.636	31.927	1.929	0.539
14	LONG BEACH	290	892.362	582.110	421.252	133.494	30.596	1.753	0.486
14	LONG BEACH	300	858.210	562.432	408.757	130.138	29.693	1.740	0.486
14	LONG BEACH	310	835.422	550.837	400.410	128.059	29.190	1.945	0.631
14	LONG BEACH	320	805.553	535.717	392.276	125.396	28.538	1.975	0.576
14	LONG BEACH	330	811.231	538.945	389.906	123.914	28.207	2.203	0.647
14	LONG BEACH	340	787.212	520.023	376.555	114.828	24.186	2.827	0.872
14	LONG BEACH	350	793.090	519.911	372.635	101.326	18.897	3.119	1.025
14	LONG BEACH	360	771.004	496.961	350.290	85.503	12.998	2.647	0.744

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
15	LYNWOOD	10	793.499	521.148	373.780	102.850	18.998	2.467	0.722
15	LYNWOOD	20	808.247	533.640	384.234	114.826	24.168	2.503	0.815
15	LYNWOOD	30	815.517	543.365	395.224	127.667	29.142	2.449	0.665
15	LYNWOOD	40	824.105	548.018	397.820	127.432	28.985	2.330	0.675
15	LYNWOOD	50	840.307	556.892	403.351	129.053	29.391	2.490	0.760
15	LYNWOOD	60	870.643	572.519	416.111	133.409	30.515	2.642	0.737
15	LYNWOOD	70	913.560	597.325	432.118	137.895	31.637	2.710	0.863
15	LYNWOOD	80	948.185	623.532	453.107	143.620	33.090	2.640	0.853
15	LYNWOOD	90	967.948	634.455	457.165	139.963	30.804	2.651	0.854
15	LYNWOOD	100	948.660	623.335	452.367	143.127	32.952	2.834	0.788
15	LYNWOOD	110	907.444	592.453	430.684	137.211	31.464	2.393	0.669
15	LYNWOOD	120	879.963	582.690	420.261	131.981	30.198	2.181	0.672
15	LYNWOOD	130	848.798	565.771	409.936	130.187	29.691	2.634	0.741
15	LYNWOOD	140	831.956	556.107	403.694	128.181	29.221	2.549	0.700
15	LYNWOOD	150	826.565	550.748	399.125	127.549	29.094	1.907	0.512
15	LYNWOOD	160	819.217	544.202	394.327	116.340	24.673	3.120	0.636
15	LYNWOOD	170	796.958	522.954	375.379	103.287	19.125	5.237	1.620
15	LYNWOOD	180	802.302	518.316	369.607	89.326	13.700	4.195	1.087
15	LYNWOOD	190	799.168	526.247	377.338	104.048	19.248	1.663	0.496
15	LYNWOOD	200	822.309	545.760	394.451	116.968	24.620	2.456	0.501
15	LYNWOOD	210	815.493	542.256	394.200	127.181	29.017	3.814	1.062
15	LYNWOOD	220	820.015	545.087	399.162	128.265	29.225	3.153	0.771
15	LYNWOOD	230	823.798	544.274	398.648	128.102	29.257	2.583	0.819
15	LYNWOOD	240	876.072	579.449	417.665	133.584	30.537	2.264	0.655
15	LYNWOOD	250	898.608	588.119	430.848	137.496	31.542	1.794	0.496
15	LYNWOOD	260	938.847	623.088	452.759	143.496	33.062	1.800	0.496
15	LYNWOOD	270	956.662	632.554	455.874	139.520	30.717	1.751	0.496
15	LYNWOOD	280	932.201	621.216	451.292	142.977	32.940	3.507	0.822
15	LYNWOOD	290	896.073	590.586	432.171	137.649	31.557	5.148	1.611
15	LYNWOOD	300	877.777	580.681	418.434	133.320	30.495	3.507	0.822
15	LYNWOOD	310	848.522	565.712	409.941	130.414	29.759	1.779	0.496
15	LYNWOOD	320	831.383	555.648	403.355	127.910	29.167	2.131	0.497
15	LYNWOOD	330	815.567	542.670	393.602	126.531	28.811	2.785	0.783
15	LYNWOOD	340	808.393	535.819	395.696	120.338	25.340	2.003	0.578
15	LYNWOOD	350	806.166	531.101	381.308	103.050	19.321	1.778	0.537
15	LYNWOOD	360	793.977	512.539	361.761	86.592	13.427	2.180	0.618

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
16	MISSION VIEJO	10	872.011	582.494	432.848	123.264	22.686	5.116	1.376
16	MISSION VIEJO	20	874.939	592.450	444.760	139.162	29.340	6.071	1.819
16	MISSION VIEJO	30	889.984	601.807	453.821	149.887	34.270	4.557	1.401
16	MISSION VIEJO	40	881.449	607.792	457.706	150.913	34.485	4.516	1.412
16	MISSION VIEJO	50	901.770	620.423	466.256	153.591	35.137	4.126	1.318
16	MISSION VIEJO	60	953.977	641.798	480.493	157.983	36.231	3.526	1.237
16	MISSION VIEJO	70	994.027	672.876	498.969	162.294	37.254	5.215	1.551
16	MISSION VIEJO	80	1048.905	712.919	523.968	168.909	38.906	5.215	1.551
16	MISSION VIEJO	90	1102.664	741.968	540.792	168.064	36.921	4.317	1.216
16	MISSION VIEJO	100	1052.823	715.568	526.506	170.192	39.232	3.951	1.107
16	MISSION VIEJO	110	984.371	672.174	498.735	162.442	37.320	3.331	1.161
16	MISSION VIEJO	120	945.385	639.914	478.020	156.719	35.927	4.486	1.226
16	MISSION VIEJO	130	914.915	619.671	465.390	153.137	35.032	5.992	1.740
16	MISSION VIEJO	140	888.893	607.792	457.706	150.913	34.485	5.881	1.646
16	MISSION VIEJO	150	872.970	600.077	453.487	150.420	34.443	3.255	1.141
16	MISSION VIEJO	160	844.081	588.804	441.820	138.299	29.152	2.651	0.883
16	MISSION VIEJO	170	828.486	571.438	424.151	120.371	22.146	2.254	0.779
16	MISSION VIEJO	180	803.068	527.243	386.140	95.272	14.522	2.509	0.919
16	MISSION VIEJO	190	846.074	580.320	432.188	123.598	22.780	3.325	1.158
16	MISSION VIEJO	200	867.983	585.617	438.688	136.735	28.804	3.629	1.310
16	MISSION VIEJO	210	906.566	609.987	453.247	150.173	34.370	3.939	1.360
16	MISSION VIEJO	220	890.692	611.801	460.132	151.478	34.598	3.418	1.200
16	MISSION VIEJO	230	902.952	619.061	465.022	153.052	35.009	5.378	1.631
16	MISSION VIEJO	240	945.378	641.209	479.675	157.486	36.107	5.930	1.722
16	MISSION VIEJO	250	974.283	668.049	495.414	161.217	37.023	5.410	1.472
16	MISSION VIEJO	260	1051.478	715.158	526.194	169.883	39.154	4.962	1.498
16	MISSION VIEJO	270	1096.107	738.282	537.443	166.735	36.626	3.685	1.314
16	MISSION VIEJO	280	1053.809	717.441	527.733	170.337	39.235	4.336	1.383
16	MISSION VIEJO	290	976.980	672.498	499.165	162.654	37.367	3.888	1.364
16	MISSION VIEJO	300	934.727	639.656	478.313	157.159	36.037	5.996	1.739
16	MISSION VIEJO	310	907.294	620.292	466.185	153.593	35.144	5.481	1.492
16	MISSION VIEJO	320	885.675	608.733	457.783	150.913	34.485	3.699	1.305
16	MISSION VIEJO	330	881.759	602.326	454.724	150.528	34.449	4.680	1.451
16	MISSION VIEJO	340	894.176	622.961	464.892	143.292	30.108	3.790	1.362
16	MISSION VIEJO	350	869.981	582.494	432.848	123.378	22.730	5.573	1.609
16	MISSION VIEJO	360	871.726	571.001	412.245	101.216	15.310	5.984	1.742

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
17	PALM SPRINGS	10	933.451	624.001	452.118	123.741	22.939	3.857	1.131
17	PALM SPRINGS	20	955.981	643.660	469.201	139.349	29.270	4.662	1.286
17	PALM SPRINGS	30	947.346	637.288	465.385	145.887	33.193	4.987	1.577
17	PALM SPRINGS	40	959.771	650.050	475.379	148.479	33.735	4.293	1.217
17	PALM SPRINGS	50	967.593	649.346	472.975	149.345	33.976	3.213	1.012
17	PALM SPRINGS	60	1006.712	671.486	486.034	152.781	34.842	3.039	0.919
17	PALM SPRINGS	70	1044.150	693.250	499.446	160.506	36.794	2.720	0.567
17	PALM SPRINGS	80	1087.371	711.571	517.601	165.457	38.049	3.838	1.002
17	PALM SPRINGS	90	1125.681	730.105	526.164	162.434	35.633	3.959	1.055
17	PALM SPRINGS	100	1094.091	717.331	518.373	165.745	38.039	4.592	1.213
17	PALM SPRINGS	110	1045.135	691.868	498.705	160.112	36.699	4.233	1.064
17	PALM SPRINGS	120	1001.567	669.315	484.332	155.202	35.489	3.012	0.967
17	PALM SPRINGS	130	971.909	654.477	477.346	150.503	34.322	4.206	1.221
17	PALM SPRINGS	140	959.814	649.352	475.203	152.612	34.662	4.762	1.514
17	PALM SPRINGS	150	946.522	642.327	470.411	148.584	33.900	4.923	1.560
17	PALM SPRINGS	160	936.512	629.396	458.402	137.048	28.914	3.440	0.833
17	PALM SPRINGS	170	925.942	617.905	447.298	122.280	22.696	2.347	0.642
17	PALM SPRINGS	180	919.855	605.458	431.849	103.289	15.817	2.278	0.667
17	PALM SPRINGS	190	934.812	624.793	452.452	123.530	22.865	1.945	0.605
17	PALM SPRINGS	200	934.323	624.755	454.837	135.631	28.508	2.690	0.772
17	PALM SPRINGS	210	950.772	644.072	470.978	147.031	33.449	2.690	0.772
17	PALM SPRINGS	220	939.205	632.837	461.684	148.087	33.708	2.505	0.683
17	PALM SPRINGS	230	964.917	648.887	472.632	149.941	34.189	3.658	0.895
17	PALM SPRINGS	240	997.732	664.756	481.526	153.589	35.034	4.888	1.459
17	PALM SPRINGS	250	1042.957	690.578	497.724	154.720	35.403	5.017	1.524
17	PALM SPRINGS	260	1097.520	720.584	515.924	161.708	37.179	5.487	1.748
17	PALM SPRINGS	270	1117.181	725.026	514.917	154.851	34.258	3.886	0.920
17	PALM SPRINGS	280	1083.709	709.394	509.888	162.583	37.296	2.869	0.629
17	PALM SPRINGS	290	1055.530	700.200	505.250	157.384	36.133	4.552	1.207
17	PALM SPRINGS	300	992.267	660.607	478.035	153.958	35.209	5.075	1.527
17	PALM SPRINGS	310	972.505	654.399	476.882	148.697	33.855	5.051	1.579
17	PALM SPRINGS	320	958.950	646.014	471.520	146.919	33.390	4.544	1.354
17	PALM SPRINGS	330	957.612	646.862	471.901	146.432	33.322	5.205	1.721
17	PALM SPRINGS	340	937.986	630.057	458.562	135.937	28.594	4.850	1.426
17	PALM SPRINGS	350	931.705	621.993	450.197	122.818	22.744	5.210	1.615
17	PALM SPRINGS	360	919.464	605.249	431.868	104.454	15.847	4.360	1.201

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
18	PERRIS	10	909.914	623.959	468.490	136.009	28.096	7.110	2.666
18	PERRIS	20	903.706	630.006	478.253	152.637	32.561	6.958	2.587
18	PERRIS	30	926.008	647.819	486.389	163.986	37.687	6.939	2.542
18	PERRIS	40	917.929	654.014	497.293	166.419	38.056	7.085	2.594
18	PERRIS	50	940.048	658.925	499.890	167.446	38.459	7.380	2.706
18	PERRIS	60	963.276	680.316	513.692	170.951	39.223	6.973	2.550
18	PERRIS	70	1024.729	716.302	536.537	176.987	40.768	7.078	2.594
18	PERRIS	80	1093.530	754.763	559.195	181.912	41.996	6.809	2.483
18	PERRIS	90	1176.981	801.182	586.683	183.696	40.343	6.361	2.286
18	PERRIS	100	1098.130	759.627	563.925	184.560	42.635	6.960	2.537
18	PERRIS	110	1020.746	712.115	532.885	175.517	40.312	6.993	2.551
18	PERRIS	120	961.943	678.552	512.200	170.760	39.271	7.483	2.751
18	PERRIS	130	950.113	657.086	497.716	166.575	38.252	7.447	2.740
18	PERRIS	140	922.839	649.528	493.493	165.359	37.919	7.496	2.761
18	PERRIS	150	920.778	639.679	487.980	164.607	37.839	7.584	2.795
18	PERRIS	160	904.030	627.345	474.720	151.121	33.643	7.510	2.798
18	PERRIS	170	912.367	624.570	469.682	136.486	28.347	7.314	2.743
18	PERRIS	180	895.500	610.237	450.278	112.388	23.437	7.246	2.728
18	PERRIS	190	911.250	631.367	475.355	138.367	28.945	7.528	2.826
18	PERRIS	200	906.343	630.255	476.474	151.269	32.983	7.410	2.755
18	PERRIS	210	889.302	635.406	484.386	163.161	37.490	7.307	2.692
18	PERRIS	220	909.365	646.440	491.478	165.547	38.018	7.501	2.766
18	PERRIS	230	925.124	655.456	496.974	166.281	38.182	7.200	2.639
18	PERRIS	240	957.929	676.596	511.134	170.677	39.282	7.488	2.753
18	PERRIS	250	1026.918	717.198	537.173	177.637	40.909	7.252	2.657
18	PERRIS	260	1106.154	764.210	566.834	185.298	42.774	7.516	2.751
18	PERRIS	270	1184.022	808.417	593.042	186.148	40.883	7.028	2.576
18	PERRIS	280	1108.680	767.287	569.364	186.057	42.991	7.134	2.602
18	PERRIS	290	1069.146	734.141	541.714	179.111	41.294	7.413	2.711
18	PERRIS	300	956.594	674.556	508.766	168.949	38.746	7.483	2.751
18	PERRIS	310	949.896	658.037	498.677	166.388	38.208	7.229	2.649
18	PERRIS	320	926.555	651.279	495.075	165.987	38.069	7.230	2.637
18	PERRIS	330	891.572	636.316	485.133	163.453	37.562	7.341	2.693
18	PERRIS	340	914.159	639.239	481.116	153.718	33.591	7.260	2.685
18	PERRIS	350	901.708	622.799	467.478	135.465	28.514	7.345	2.755
18	PERRIS	360	897.134	613.153	452.878	113.212	22.907	6.958	2.622

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
19	PICO RIVERA	10	803.270	527.520	381.361	107.213	19.847	4.256	1.300
19	PICO RIVERA	20	807.289	536.403	394.163	121.542	25.658	4.506	1.229
19	PICO RIVERA	30	812.540	542.023	404.049	131.301	30.023	4.224	1.102
19	PICO RIVERA	40	817.716	549.272	409.097	132.376	30.217	2.656	0.821
19	PICO RIVERA	50	856.024	570.777	416.059	134.322	30.700	4.418	1.374
19	PICO RIVERA	60	877.829	579.663	425.350	137.016	31.374	3.144	0.779
19	PICO RIVERA	70	893.261	602.886	443.158	142.184	32.650	3.030	0.963
19	PICO RIVERA	80	946.479	632.978	460.708	146.508	33.777	2.161	0.589
19	PICO RIVERA	90	980.831	650.911	469.706	143.843	31.610	3.302	0.824
19	PICO RIVERA	100	952.347	637.436	464.371	147.967	34.117	3.850	1.051
19	PICO RIVERA	110	893.314	600.605	441.016	141.244	32.428	2.703	0.665
19	PICO RIVERA	120	845.115	577.042	426.718	137.429	31.462	2.747	0.732
19	PICO RIVERA	130	829.821	560.330	416.059	134.274	30.667	1.991	0.573
19	PICO RIVERA	140	825.901	550.132	406.396	130.976	29.836	1.823	0.561
19	PICO RIVERA	150	788.224	537.409	400.930	129.832	29.626	1.806	0.514
19	PICO RIVERA	160	766.097	527.159	391.656	120.315	25.355	1.871	0.514
19	PICO RIVERA	170	772.685	516.903	380.736	107.014	19.810	1.653	0.514
19	PICO RIVERA	180	748.639	488.540	352.576	84.869	12.998	1.641	0.514
19	PICO RIVERA	190	779.102	514.179	378.127	105.848	19.568	1.668	0.514
19	PICO RIVERA	200	792.292	525.339	389.863	119.691	25.253	1.733	0.514
19	PICO RIVERA	210	810.433	542.397	405.357	131.884	30.160	2.277	0.653
19	PICO RIVERA	220	813.615	549.630	409.388	132.486	30.242	1.920	0.514
19	PICO RIVERA	230	831.192	561.442	417.665	135.274	30.927	2.326	0.608
19	PICO RIVERA	240	854.896	573.754	424.706	136.829	31.301	3.053	0.970
19	PICO RIVERA	250	892.422	602.753	442.535	141.694	32.524	2.284	0.596
19	PICO RIVERA	260	950.422	635.573	462.672	147.075	33.898	2.218	0.560
19	PICO RIVERA	270	981.433	651.120	469.948	144.220	31.749	2.425	0.651
19	PICO RIVERA	280	947.446	632.668	460.507	146.552	33.809	2.552	0.770
19	PICO RIVERA	290	894.094	602.753	442.535	141.694	32.524	2.143	0.609
19	PICO RIVERA	300	866.016	577.042	426.718	137.429	31.462	2.151	0.583
19	PICO RIVERA	310	824.526	559.023	415.746	134.573	30.761	2.552	0.780
19	PICO RIVERA	320	815.354	548.481	408.454	132.182	30.178	2.917	0.711
19	PICO RIVERA	330	814.932	543.742	403.009	130.679	29.817	4.240	1.338
19	PICO RIVERA	340	801.540	531.063	394.743	121.516	25.633	2.917	0.737
19	PICO RIVERA	350	793.870	524.052	381.301	107.045	19.805	4.245	1.339
19	PICO RIVERA	360	794.776	514.799	364.010	88.793	15.493	5.808	1.805

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
20	POMONA	10	794.592	521.285	373.658	101.621	18.938	4.734	1.435
20	POMONA	20	795.972	527.876	382.292	112.701	23.927	4.734	1.435
20	POMONA	30	823.475	547.689	396.664	122.461	28.016	4.858	1.541
20	POMONA	40	825.159	549.506	397.584	122.192	27.917	4.122	1.155
20	POMONA	50	844.160	557.234	401.798	126.994	28.908	4.766	1.499
20	POMONA	60	875.874	577.419	415.634	130.717	29.885	4.743	1.506
20	POMONA	70	901.601	590.911	425.533	135.170	30.982	4.906	1.536
20	POMONA	80	937.411	609.304	441.460	139.483	32.123	5.013	1.554
20	POMONA	90	954.810	625.251	449.277	137.279	30.226	4.417	1.254
20	POMONA	100	939.999	615.691	446.041	140.761	32.394	4.935	1.548
20	POMONA	110	910.813	593.584	426.818	134.637	30.967	4.445	1.448
20	POMONA	120	867.457	570.854	410.536	130.807	29.891	3.806	1.041
20	POMONA	130	845.114	560.732	405.168	127.447	28.989	4.355	1.310
20	POMONA	140	831.982	553.547	400.326	125.016	28.419	2.567	0.624
20	POMONA	150	816.148	540.487	390.052	122.731	27.981	2.363	0.769
20	POMONA	160	810.938	535.986	386.524	114.892	24.208	2.213	0.628
20	POMONA	170	796.094	522.419	374.527	101.277	19.029	4.020	1.159
20	POMONA	180	795.755	512.817	362.560	90.924	13.428	4.718	1.531
20	POMONA	190	798.871	524.520	376.154	101.566	19.062	4.442	1.254
20	POMONA	200	814.969	539.184	389.193	114.853	24.325	3.771	0.951
20	POMONA	210	826.407	550.206	398.417	124.066	28.238	2.106	0.492
20	POMONA	220	826.926	551.310	399.096	125.999	28.690	2.024	0.583
20	POMONA	230	843.117	558.316	403.159	124.232	28.420	2.131	0.575
20	POMONA	240	866.220	569.991	409.886	127.901	29.245	2.446	0.660
20	POMONA	250	904.228	589.268	421.027	131.132	30.085	3.032	0.946
20	POMONA	260	929.752	600.707	433.702	135.326	30.969	4.124	1.184
20	POMONA	270	954.676	620.759	446.467	136.337	30.011	4.797	1.541
20	POMONA	280	948.227	613.097	438.192	137.992	31.730	4.217	1.291
20	POMONA	290	902.709	591.972	424.114	130.803	30.178	4.554	1.467
20	POMONA	300	888.397	586.664	422.532	130.352	29.801	3.392	0.878
20	POMONA	310	839.708	554.628	399.507	127.513	29.082	2.377	0.722
20	POMONA	320	810.548	536.483	390.432	123.073	28.007	2.545	0.757
20	POMONA	330	814.731	539.645	389.414	120.968	27.732	2.172	0.693
20	POMONA	340	811.193	536.511	387.171	113.700	24.123	4.059	1.142
20	POMONA	350	786.841	518.022	372.494	100.937	18.958	4.637	1.449
20	POMONA	360	778.799	499.424	352.014	89.494	13.148	3.175	0.717

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
21	REDLANDS	10	905.838	603.046	435.190	122.236	22.492	4.181	1.154
21	REDLANDS	20	933.041	632.159	461.595	140.912	29.601	3.128	1.022
21	REDLANDS	30	937.898	635.419	468.237	155.422	35.554	5.278	1.621
21	REDLANDS	40	927.204	626.834	463.792	152.100	34.625	5.219	1.639
21	REDLANDS	50	965.700	651.731	477.447	157.348	35.970	4.419	1.263
21	REDLANDS	60	1030.947	696.705	508.410	159.410	36.412	3.889	1.031
21	REDLANDS	70	1021.831	691.660	513.866	167.318	38.346	4.444	1.375
21	REDLANDS	80	1080.224	731.486	538.886	174.290	40.147	5.876	1.780
21	REDLANDS	90	1134.373	763.553	555.624	172.376	37.797	4.549	1.379
21	REDLANDS	100	1082.268	732.229	538.252	173.806	40.020	4.446	1.192
21	REDLANDS	110	1060.493	707.585	514.921	168.604	38.734	4.472	1.392
21	REDLANDS	120	994.031	664.745	492.989	162.142	37.162	5.219	1.501
21	REDLANDS	130	964.579	650.160	482.132	159.203	36.409	5.453	1.623
21	REDLANDS	140	945.036	638.852	471.500	155.772	35.577	5.295	1.569
21	REDLANDS	150	932.679	632.555	467.536	154.532	35.271	5.437	1.589
21	REDLANDS	160	923.720	620.623	457.420	143.403	30.184	5.201	1.623
21	REDLANDS	170	915.539	614.625	445.575	125.862	23.164	4.563	1.202
21	REDLANDS	180	908.101	598.486	427.186	103.030	15.806	5.067	1.429
21	REDLANDS	190	912.196	609.917	447.493	128.073	23.558	3.962	1.091
21	REDLANDS	200	925.030	623.681	457.657	143.297	30.120	2.876	0.930
21	REDLANDS	210	931.957	632.098	469.373	155.901	35.668	3.838	1.079
21	REDLANDS	220	922.985	625.740	470.606	154.447	35.152	5.644	1.762
21	REDLANDS	230	961.693	648.767	478.070	157.395	35.965	5.216	1.583
21	REDLANDS	240	991.190	660.454	493.798	162.678	37.290	5.086	1.505
21	REDLANDS	250	1027.061	694.915	517.134	169.232	38.876	5.086	1.505
21	REDLANDS	260	1094.837	746.966	547.686	175.467	40.431	2.877	1.010
21	REDLANDS	270	1134.937	767.434	560.011	174.306	38.262	4.432	1.377
21	REDLANDS	280	1087.760	737.726	544.128	176.317	40.629	3.993	1.249
21	REDLANDS	290	1039.082	690.550	512.794	167.543	38.475	4.880	1.515
21	REDLANDS	300	1002.723	669.381	495.611	163.355	37.451	4.880	1.515
21	REDLANDS	310	958.440	646.653	482.562	159.340	36.441	3.225	0.937
21	REDLANDS	320	937.951	635.031	473.203	156.070	35.623	5.858	1.777
21	REDLANDS	330	926.648	627.723	464.808	153.341	34.968	4.529	1.149
21	REDLANDS	340	936.118	632.479	461.988	142.108	29.831	4.440	1.241
21	REDLANDS	350	916.891	611.530	441.809	125.266	23.037	3.330	1.012
21	REDLANDS	360	883.062	576.071	419.735	104.314	15.537	4.949	1.516

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
22	RESEDA	10	803.518	527.470	378.218	102.095	19.141	2.524	0.768
22	RESEDA	20	828.251	548.725	396.385	116.555	24.675	2.219	0.697
22	RESEDA	30	833.567	558.905	410.702	129.458	29.414	2.271	0.618
22	RESEDA	40	837.936	557.171	403.810	126.640	28.789	3.305	1.079
22	RESEDA	50	849.939	563.704	407.534	127.974	29.179	4.008	1.198
22	RESEDA	60	876.273	577.192	415.273	132.256	30.232	3.345	0.904
22	RESEDA	70	916.111	598.622	428.435	135.280	31.015	3.054	0.831
22	RESEDA	80	944.613	615.985	446.835	141.276	32.537	2.760	0.704
22	RESEDA	90	967.783	621.899	447.515	136.700	30.094	2.173	0.622
22	RESEDA	100	945.131	612.518	443.782	139.844	32.154	2.257	0.662
22	RESEDA	110	918.081	608.967	440.061	136.735	31.191	2.999	0.970
22	RESEDA	120	885.927	584.443	420.858	129.768	29.733	2.580	0.750
22	RESEDA	130	851.551	564.264	407.589	128.059	29.190	3.610	1.023
22	RESEDA	140	835.678	555.814	402.579	126.531	28.805	3.366	0.983
22	RESEDA	150	826.608	548.888	397.063	125.481	28.614	3.366	0.983
22	RESEDA	160	821.977	543.943	392.515	115.101	24.385	2.226	0.490
22	RESEDA	170	799.029	530.660	382.696	103.255	19.094	1.952	0.562
22	RESEDA	180	803.949	519.066	366.384	90.580	13.514	2.073	0.622
22	RESEDA	190	801.313	525.809	376.942	101.722	19.074	2.351	0.656
22	RESEDA	200	820.133	542.542	391.430	115.549	24.339	1.753	0.490
22	RESEDA	210	829.227	552.152	399.940	123.812	28.184	1.751	0.490
22	RESEDA	220	829.937	551.430	399.169	125.543	28.572	1.745	0.531
22	RESEDA	230	848.134	563.726	407.668	127.794	29.127	1.753	0.490
22	RESEDA	240	873.063	574.607	413.241	130.127	29.725	2.024	0.562
22	RESEDA	250	905.089	589.369	425.332	135.420	31.060	2.262	0.615
22	RESEDA	260	950.089	620.780	442.939	139.618	32.130	2.262	0.629
22	RESEDA	270	961.214	625.367	450.195	137.569	30.285	2.563	0.698
22	RESEDA	280	946.270	612.714	443.430	140.077	32.258	2.916	0.868
22	RESEDA	290	917.566	599.334	429.126	135.034	30.957	3.347	1.057
22	RESEDA	300	878.132	583.496	423.755	131.481	29.807	2.870	0.822
22	RESEDA	310	851.989	565.000	408.440	127.688	29.103	2.849	0.828
22	RESEDA	320	838.653	557.454	403.524	126.717	28.800	3.874	1.142
22	RESEDA	330	837.758	558.927	405.260	125.009	28.490	3.255	0.849
22	RESEDA	340	815.398	542.028	394.873	118.640	24.948	3.700	1.011
22	RESEDA	350	808.387	531.913	381.866	103.201	19.305	3.424	0.883
22	RESEDA	360	793.642	511.114	360.304	89.785	13.312	2.224	0.724

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
23	RIVERSIDE	10	896.758	616.848	456.028	128.412	23.650	3.803	1.386
23	RIVERSIDE	20	915.337	616.095	454.197	142.101	29.879	3.344	1.151
23	RIVERSIDE	30	900.777	620.214	469.551	156.263	35.779	4.021	1.424
23	RIVERSIDE	40	929.641	627.828	472.797	156.036	35.634	3.763	1.328
23	RIVERSIDE	50	948.485	636.443	478.754	157.977	36.137	3.759	1.343
23	RIVERSIDE	60	973.421	654.646	489.931	161.232	36.964	4.418	1.283
23	RIVERSIDE	70	1006.645	690.424	513.606	167.984	38.598	3.804	1.316
23	RIVERSIDE	80	1075.085	735.141	542.350	175.817	40.528	5.036	1.394
23	RIVERSIDE	90	1129.717	760.998	554.033	172.229	37.815	5.777	1.753
23	RIVERSIDE	100	1075.085	736.276	543.719	176.535	40.705	6.453	1.936
23	RIVERSIDE	110	1024.491	692.202	515.074	168.550	38.733	5.938	1.838
23	RIVERSIDE	120	987.931	659.753	493.176	162.516	37.270	6.302	1.889
23	RIVERSIDE	130	949.578	647.411	480.651	158.711	36.311	6.325	1.910
23	RIVERSIDE	140	917.766	629.663	474.029	155.893	35.545	4.404	1.410
23	RIVERSIDE	150	933.491	633.353	466.513	154.949	35.481	3.616	1.274
23	RIVERSIDE	160	932.327	623.949	457.253	143.647	30.281	3.821	1.278
23	RIVERSIDE	170	908.372	608.204	449.414	127.772	23.518	5.237	1.607
23	RIVERSIDE	180	894.893	588.686	424.951	104.613	15.790	4.840	1.399
23	RIVERSIDE	190	891.265	598.021	445.649	127.547	23.476	3.946	1.364
23	RIVERSIDE	200	901.672	605.610	455.367	142.883	30.099	4.366	1.364
23	RIVERSIDE	210	915.044	617.969	467.323	155.176	35.515	3.704	1.307
23	RIVERSIDE	220	911.311	626.736	471.597	154.947	35.288	3.733	1.316
23	RIVERSIDE	230	943.844	636.044	478.425	157.850	36.107	3.512	1.233
23	RIVERSIDE	240	980.919	654.389	489.977	161.089	36.915	4.083	1.442
23	RIVERSIDE	250	1008.880	689.372	512.155	167.098	38.360	3.945	1.387
23	RIVERSIDE	260	1068.237	728.653	536.308	173.340	39.965	4.075	1.401
23	RIVERSIDE	270	1125.049	757.105	551.925	171.555	37.665	4.075	1.438
23	RIVERSIDE	280	1074.629	733.379	540.751	175.147	40.369	3.847	1.370
23	RIVERSIDE	290	1011.908	681.953	506.188	165.377	37.998	4.095	1.443
23	RIVERSIDE	300	982.529	655.186	490.124	161.089	36.915	4.113	1.454
23	RIVERSIDE	310	924.616	634.699	476.736	157.015	35.931	4.075	1.443
23	RIVERSIDE	320	895.497	626.706	472.149	155.786	35.574	6.170	1.887
23	RIVERSIDE	330	920.119	618.920	464.940	153.830	35.112	4.010	1.419
23	RIVERSIDE	340	896.407	605.922	455.939	143.277	30.200	3.686	1.298
23	RIVERSIDE	350	888.708	601.885	448.905	128.674	23.686	3.865	1.413
23	RIVERSIDE	360	890.920	585.196	423.865	104.499	15.774	4.521	1.404

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
24	SAN BERNARDINO	10	911.620	608.587	441.873	126.262	23.231	5.075	1.408
24	SAN BERNARDINO	20	925.829	622.861	456.048	142.757	30.079	3.488	1.235
24	SAN BERNARDINO	30	937.411	633.837	465.289	154.350	35.314	4.751	1.234
24	SAN BERNARDINO	40	938.992	634.888	472.952	156.070	35.637	6.174	1.857
24	SAN BERNARDINO	50	943.584	636.079	477.862	157.257	35.962	4.645	1.271
24	SAN BERNARDINO	60	991.010	674.781	495.391	160.608	36.719	3.607	1.262
24	SAN BERNARDINO	70	1027.833	688.961	511.818	166.634	38.176	4.268	1.354
24	SAN BERNARDINO	80	1072.706	731.256	538.262	173.894	40.037	5.601	1.730
24	SAN BERNARDINO	90	1112.542	750.247	546.265	169.090	37.026	5.601	1.540
24	SAN BERNARDINO	100	1063.680	724.430	532.728	171.415	39.381	3.515	1.212
24	SAN BERNARDINO	110	1025.330	684.340	508.557	166.015	38.126	3.515	1.246
24	SAN BERNARDINO	120	991.580	671.762	490.693	160.713	36.810	3.515	1.244
24	SAN BERNARDINO	130	937.382	632.557	475.520	156.701	35.831	3.581	1.244
24	SAN BERNARDINO	140	932.780	629.453	459.753	151.969	34.759	3.681	1.239
24	SAN BERNARDINO	150	908.646	612.646	462.858	153.395	35.087	3.487	1.234
24	SAN BERNARDINO	160	917.730	613.274	453.968	141.991	29.913	4.869	1.333
24	SAN BERNARDINO	170	893.161	595.129	442.440	126.177	23.194	5.679	1.729
24	SAN BERNARDINO	180	904.712	596.240	425.584	103.022	15.765	5.748	1.796
24	SAN BERNARDINO	190	915.585	610.879	443.814	126.488	23.233	5.204	1.630
24	SAN BERNARDINO	200	915.375	613.000	455.597	143.126	30.163	5.167	1.610
24	SAN BERNARDINO	210	922.220	620.438	467.596	155.273	35.533	4.016	1.407
24	SAN BERNARDINO	220	922.327	627.174	472.805	156.206	35.675	3.588	1.262
24	SAN BERNARDINO	230	956.602	644.060	478.526	157.861	36.105	4.804	1.281
24	SAN BERNARDINO	240	970.920	656.870	492.407	162.240	37.200	5.886	1.799
24	SAN BERNARDINO	250	1024.980	686.592	509.834	166.184	38.139	4.390	1.276
24	SAN BERNARDINO	260	1067.924	726.260	533.529	171.428	39.355	3.795	1.351
24	SAN BERNARDINO	270	1174.023	777.712	558.723	170.532	37.433	5.567	1.703
24	SAN BERNARDINO	280	1070.154	730.243	537.596	173.280	39.822	4.828	1.345
24	SAN BERNARDINO	290	1025.480	692.622	515.418	168.673	38.757	4.027	1.417
24	SAN BERNARDINO	300	1010.513	675.789	490.848	160.231	36.707	6.028	1.825
24	SAN BERNARDINO	310	950.141	639.519	476.178	156.321	35.650	5.935	1.676
24	SAN BERNARDINO	320	916.664	627.621	472.318	155.209	35.344	5.367	1.613
24	SAN BERNARDINO	330	909.759	615.564	465.289	154.350	35.314	4.993	1.447
24	SAN BERNARDINO	340	919.833	617.278	452.772	141.681	29.785	4.220	1.206
24	SAN BERNARDINO	350	912.929	612.903	444.928	127.179	23.403	5.022	1.607
24	SAN BERNARDINO	360	903.255	595.140	424.749	103.818	15.740	5.702	1.701

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
25	SANTA CLARITA	10	782.355	535.235	395.349	111.433	20.598	3.252	1.042
25	SANTA CLARITA	20	785.227	544.602	406.605	125.901	26.558	3.149	1.112
25	SANTA CLARITA	30	821.635	555.457	416.921	136.611	31.285	3.062	1.022
25	SANTA CLARITA	40	812.017	564.172	421.981	137.287	31.434	2.962	1.018
25	SANTA CLARITA	50	858.138	573.650	422.692	137.939	31.613	2.991	1.029
25	SANTA CLARITA	60	849.913	585.949	435.542	141.184	32.333	3.086	1.059
25	SANTA CLARITA	70	898.155	600.601	443.569	143.029	32.885	2.951	1.002
25	SANTA CLARITA	80	969.665	651.960	476.188	152.172	35.122	3.204	1.093
25	SANTA CLARITA	90	1002.551	671.270	486.960	150.358	33.135	4.619	1.427
25	SANTA CLARITA	100	930.299	630.439	462.009	148.260	34.292	3.748	1.073
25	SANTA CLARITA	110	878.391	601.578	444.723	143.892	33.157	3.306	1.043
25	SANTA CLARITA	120	873.228	584.520	432.368	138.282	31.641	3.202	1.102
25	SANTA CLARITA	130	831.858	576.864	431.016	140.618	32.204	3.180	1.097
25	SANTA CLARITA	140	818.036	570.102	427.504	139.981	32.029	3.137	1.082
25	SANTA CLARITA	150	832.298	558.710	419.752	137.815	31.582	2.940	1.027
25	SANTA CLARITA	160	789.309	548.799	410.574	127.812	27.021	3.512	1.075
25	SANTA CLARITA	170	773.454	529.412	391.405	110.868	20.582	2.979	1.067
25	SANTA CLARITA	180	795.471	522.026	380.172	93.173	14.237	2.987	1.070
25	SANTA CLARITA	190	789.599	542.979	402.524	114.327	21.167	3.027	1.085
25	SANTA CLARITA	200	838.259	577.422	427.957	130.699	27.576	3.729	1.058
25	SANTA CLARITA	210	820.637	557.414	418.619	137.388	31.490	3.092	1.066
25	SANTA CLARITA	220	814.099	566.770	424.838	138.774	31.726	2.966	1.017
25	SANTA CLARITA	230	832.383	575.498	429.476	139.567	31.971	3.150	1.087
25	SANTA CLARITA	240	872.422	595.373	442.564	143.529	32.866	3.203	1.104
25	SANTA CLARITA	250	917.494	627.066	463.411	149.991	34.507	3.213	1.102
25	SANTA CLARITA	260	981.757	662.775	485.204	155.519	35.896	2.958	1.001
25	SANTA CLARITA	270	1026.122	686.865	498.274	153.991	33.898	3.072	1.059
25	SANTA CLARITA	280	982.716	661.102	483.873	155.037	35.783	4.114	1.114
25	SANTA CLARITA	290	914.965	624.982	461.683	149.327	34.352	5.211	1.433
25	SANTA CLARITA	300	868.310	598.265	444.925	144.656	33.177	4.447	1.109
25	SANTA CLARITA	310	841.038	580.102	434.022	141.954	32.520	3.395	1.062
25	SANTA CLARITA	320	816.364	568.101	425.417	139.051	31.810	3.220	1.114
25	SANTA CLARITA	330	813.671	557.126	418.451	137.317	31.464	3.185	1.101
25	SANTA CLARITA	340	809.622	550.177	411.661	128.186	27.104	3.509	1.071
25	SANTA CLARITA	350	807.918	550.699	404.517	113.267	21.011	4.887	1.375
25	SANTA CLARITA	360	799.667	522.562	379.819	92.843	14.349	3.509	1.112

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
26	UPLAND	10	917.059	629.328	464.101	129.963	23.857	4.944	1.550
26	UPLAND	20	889.514	602.674	452.450	141.717	29.853	3.647	1.002
26	UPLAND	30	919.453	621.852	458.787	151.073	34.446	4.957	1.486
26	UPLAND	40	941.558	639.641	471.939	155.531	35.503	3.535	1.017
26	UPLAND	50	956.456	641.687	478.900	157.863	36.099	4.578	1.401
26	UPLAND	60	989.697	661.211	488.854	160.683	36.824	6.129	1.808
26	UPLAND	70	1039.650	690.273	509.288	165.874	38.062	4.542	1.202
26	UPLAND	80	1081.022	728.657	536.635	173.498	39.972	3.777	1.175
26	UPLAND	90	1124.393	756.303	550.161	170.605	37.452	3.944	1.210
26	UPLAND	100	1079.818	729.197	537.085	173.670	40.013	4.120	1.212
26	UPLAND	110	1026.406	687.243	510.157	166.427	38.221	4.026	1.234
26	UPLAND	120	991.385	663.114	491.990	162.057	37.160	3.688	1.080
26	UPLAND	130	952.848	640.877	476.748	157.032	35.902	3.992	1.205
26	UPLAND	140	929.451	627.481	471.231	155.258	35.438	4.313	1.283
26	UPLAND	150	925.449	626.536	464.600	153.941	35.210	3.539	1.083
26	UPLAND	160	935.751	631.253	459.183	142.027	29.920	5.105	1.381
26	UPLAND	170	914.342	610.377	442.802	126.491	23.285	5.105	1.381
26	UPLAND	180	915.568	605.208	432.638	103.448	15.974	4.166	1.221
26	UPLAND	190	908.994	606.809	443.472	126.715	23.315	3.790	1.126
26	UPLAND	200	922.211	625.037	457.153	142.591	30.043	6.313	1.875
26	UPLAND	210	925.627	639.406	478.157	155.042	35.333	4.172	1.069
26	UPLAND	220	927.658	627.738	472.646	155.804	35.567	3.097	1.047
26	UPLAND	230	934.968	632.705	475.306	156.463	35.768	2.992	1.036
26	UPLAND	240	1001.186	670.552	491.005	161.524	37.025	3.093	1.049
26	UPLAND	250	1024.142	687.724	511.119	166.912	38.336	3.922	1.238
26	UPLAND	260	1062.303	722.826	531.261	170.821	39.243	3.502	1.157
26	UPLAND	270	1093.319	722.505	526.772	163.204	35.801	3.285	1.039
26	UPLAND	280	1067.635	725.207	533.802	172.033	39.535	3.216	1.029
26	UPLAND	290	1057.730	716.311	523.256	165.520	38.006	5.821	1.633
26	UPLAND	300	977.902	652.312	485.867	159.499	36.555	5.250	1.360
26	UPLAND	310	941.436	637.574	465.937	151.228	34.674	2.544	0.897
26	UPLAND	320	905.761	620.275	465.928	152.605	34.728	3.115	0.989
26	UPLAND	330	899.852	623.283	466.762	152.326	34.823	2.863	0.991
26	UPLAND	340	911.402	610.909	451.330	141.369	29.774	2.527	0.868
26	UPLAND	350	902.186	599.755	432.718	121.269	22.174	3.291	0.963
26	UPLAND	360	879.461	579.330	415.769	101.865	15.371	4.780	1.463

Table 5: Hourly Receptor Proximity Adjustment Factors [($\mu\text{g}/\text{m}^3$)/(lbs/hr)]

Met Station		Angle	50 M	75 M	100 M	200 M	300 M	500 M	1,000 M
27	WEST LA	10	807.959	531.747	381.200	104.167	19.352	4.180	1.191
27	WEST LA	20	809.490	536.274	387.658	117.991	24.884	4.394	1.131
27	WEST LA	30	825.495	550.439	398.749	128.042	29.250	5.447	1.676
27	WEST LA	40	828.867	552.312	400.321	127.615	29.111	5.182	1.582
27	WEST LA	50	837.192	568.356	419.181	133.170	30.361	4.561	1.333
27	WEST LA	60	882.807	584.504	421.718	134.107	30.684	3.505	0.991
27	WEST LA	70	911.895	594.731	429.753	137.207	31.491	3.071	0.815
27	WEST LA	80	937.294	625.495	454.781	144.261	33.243	4.563	1.210
27	WEST LA	90	975.157	644.879	464.623	142.244	31.289	5.581	1.670
27	WEST LA	100	938.956	624.970	453.996	143.857	33.134	4.563	1.167
27	WEST LA	110	902.101	594.318	435.850	139.327	31.976	2.515	0.526
27	WEST LA	120	882.401	585.236	422.467	135.174	30.934	4.061	1.072
27	WEST LA	130	863.323	583.346	426.721	133.991	30.588	5.216	1.643
27	WEST LA	140	841.146	569.584	417.327	131.002	29.864	3.588	0.864
27	WEST LA	150	823.582	549.851	404.415	128.824	29.392	2.422	0.648
27	WEST LA	160	823.886	547.250	395.720	119.249	25.147	2.513	0.635
27	WEST LA	170	812.929	537.466	386.750	105.248	19.694	2.856	0.790
27	WEST LA	180	799.401	516.833	365.245	90.255	13.595	4.335	1.213
27	WEST LA	190	817.578	540.058	388.464	105.349	19.754	5.053	1.594
27	WEST LA	200	819.777	544.093	393.277	118.793	25.050	4.017	1.058
27	WEST LA	210	822.106	547.456	398.744	128.824	29.392	2.164	0.502
27	WEST LA	220	830.078	553.455	402.201	129.513	29.523	2.696	0.548
27	WEST LA	230	841.433	558.842	410.079	132.010	30.136	4.801	1.473
27	WEST LA	240	880.900	578.947	416.861	133.228	30.413	4.505	1.321
27	WEST LA	250	901.056	588.969	430.929	137.142	31.412	4.216	1.067
27	WEST LA	260	935.856	622.713	452.060	143.300	33.015	5.377	1.636
27	WEST LA	270	974.076	643.514	463.361	141.745	31.179	4.564	1.231
27	WEST LA	280	944.465	628.084	456.815	144.983	33.411	2.615	0.539
27	WEST LA	290	895.601	591.376	433.213	138.219	31.705	2.918	0.926
27	WEST LA	300	872.957	573.395	415.266	132.819	30.332	2.129	0.545
27	WEST LA	310	844.348	565.015	410.303	131.916	30.108	2.410	0.734
27	WEST LA	320	823.838	548.860	402.317	129.556	29.533	1.950	0.542
27	WEST LA	330	819.215	545.509	397.255	128.566	29.359	3.260	0.764
27	WEST LA	340	811.944	538.489	389.192	117.991	24.824	4.978	1.566
27	WEST LA	350	801.283	529.513	380.767	104.474	19.371	5.335	1.635
27	WEST LA	360	799.924	519.797	367.950	90.876	13.669	4.208	1.066

III. REFERENCES

OEHHA, 2015. **Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessment.** Prepared by Office of Environmental Health Hazard Assessment OEHHA, February 2015.

OEHHA, 2015. **Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values.** Prepared by Office of Environmental Health Hazard Assessment OEHHA. <http://www.arb.ca.gov/toxics/healthval/contable.pdf>.

CAPCOA, 2015 (*In Preparation*). **Air Toxics “Hot Spots” Program - Facility Prioritization Guidelines.** Prepared by the AB2588 Risk Assessment Committee of the California Air Pollution Control Officers Association, 2015.

SCAQMD, 2015. **DRAFT Risk Assessment Procedures for Rules 1401 and 212.** Prepared by South Coast Air Quality Management District, www.AQMD.gov/permit/RiskAssessment.html.

SCAQMD, 2015. **Proposed Amended Rule 1401 - New Source Review of Toxic Air Contaminants.** Prepared by South Coast Air Quality Management District.

SCAQMD, 2015. **Proposed Amended Rule 212 - Standards For Approving Permits and Issuing Public Notice.** Prepared by South Coast Air Quality Management District.